

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011021.D
 Acq On : 27 Jun 2019 15:28
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 28 01:41:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	157928	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	30857	11.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.70%	
35) Dibromofluoromethane	7.88	113	24001	11.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.12%	
50) Toluene-d8	10.32	98	95994	10.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.08%	
62) 4-Bromofluorobenzene	12.62	95	35231	10.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.28%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	18948	9.456	ug/l 98
3) Chloromethane	2.21	50	24581	8.497	ug/l 96
4) Vinyl Chloride	2.36	62	32641	11.604	ug/l 97
5) Bromomethane	2.77	94	16207	10.634	ug/l 96
6) Chloroethane	2.91	64	16824	10.197	ug/l 98
7) Trichlorofluoromethane	3.25	101	8820	2.778	ug/l 93
8) Diethyl Ether	3.67	74	14613	11.267	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	26298	11.739	ug/l 98
10) Methyl Iodide	4.27	142	36043	16.772	ug/l 99
11) Tert butyl alcohol	5.16	59	10975	51.861	ug/l # 84
12) 1,1-Dichloroethene	4.03	96	26282	11.958	ug/l 95
13) Acrolein	3.89	56	7908	78.024	ug/l 98
14) Allyl chloride	4.66	41	42659	9.253	ug/l 98
15) Acrylonitrile	5.36	53	34294	53.732	ug/l 99
16) Acetone	4.12	43	34205	48.975	ug/l 92
17) Carbon Disulfide	4.38	76	72727	10.552	ug/l 99
18) Methyl Acetate	4.67	43	20657	13.340	ug/l 100
19) Methyl tert-butyl Ether	5.42	73	38394	6.668	ug/l 94
20) Methylene Chloride	4.92	84	32354	12.954	ug/l 95
21) trans-1,2-Dichloroethene	5.42	96	27743	11.354	ug/l 97
22) Diisopropyl ether	6.31	45	103862	10.956	ug/l 99
23) Vinyl Acetate	6.25	43	298133	51.695	ug/l 99
24) 1,1-Dichloroethane	6.21	63	55208	11.520	ug/l 98
25) 2-Butanone	7.17	43	54474	55.401	ug/l 100
26) 2,2-Dichloropropane	7.16	77	29815	8.201	ug/l 97
27) cis-1,2-Dichloroethene	7.16	96	30403	11.326	ug/l 97
28) Bromochloromethane	7.51	49	23908	10.897	ug/l 99
29) Tetrahydrofuran	7.52	42	34366	55.161	ug/l 99
30) Chloroform	7.67	83	49741	11.354	ug/l 98
31) Cyclohexane	7.95	56	61011	11.511	ug/l # 93
32) 1,1,1-Trichloroethane	7.87	97	37307	9.992	ug/l 99
36) 1,1-Dichloropropene	8.08	75	42491	11.172	ug/l 100
37) Ethyl Acetate	7.25	43	24506	11.464	ug/l 99
38) Carbon Tetrachloride	8.06	117	33882	10.420	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011021.D
 Acq On : 27 Jun 2019 15:28
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 28 01:41:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	50362	10.499	ug/l	99
40) Benzene	8.32	78	116327	11.190	ug/l	96
41) Methacrylonitrile	7.48	41	14097	11.041	ug/l	98
42) 1,2-Dichloroethane	8.40	62	38426	11.604	ug/l	100
43) Isopropyl Acetate	8.42	43	44012	10.730	ug/l	100
44) Trichloroethene	9.09	130	27657	10.826	ug/l	96
45) 1,2-Dichloropropane	9.37	63	30953	11.222	ug/l	96
46) Dibromomethane	9.46	93	14824	11.544	ug/l	98
47) Bromodichloromethane	9.64	83	35137	10.649	ug/l	99
48) Methyl methacrylate	9.43	41	20819	10.525	ug/l	98
49) 1,4-Dioxane	9.44	88	4719	228.086	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	114994	54.459	ug/l	100
52) Toluene	10.38	92	69779	10.924	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	34817	9.970	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	42775	10.382	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	20951	11.342	ug/l	98
56) Ethyl methacrylate	10.65	69	29044	10.264	ug/l	98
57) 1,3-Dichloropropane	10.93	76	38992	11.207	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	75278	51.074	ug/l	99
59) 2-Hexanone	10.97	43	77998	51.385	ug/l	99
60) Dibromochloromethane	11.13	129	20118	9.944	ug/l	98
61) 1,2-Dibromoethane	11.24	107	18550	10.638	ug/l	98
64) Tetrachloroethene	10.86	164	24138	11.095	ug/l	97
65) Chlorobenzene	11.66	112	71603	11.089	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	23514	10.581	ug/l	98
67) Ethyl Benzene	11.73	91	134905	10.870	ug/l	98
68) m/p-Xylenes	11.84	106	98018	21.992	ug/l	100
69) o-Xylene	12.16	106	45488	10.792	ug/l	100
70) Styrene	12.18	104	77543	10.583	ug/l	100
71) Bromoform	12.35	173	10539	9.204	ug/l #	98
73) Isopropylbenzene	12.46	105	125726	10.629	ug/l	98
74) N-amyl acetate	12.27	43	38014	9.797	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	24803	10.930	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	32162	19.318	ug/l #	100
77) Bromobenzene	12.74	156	27766	10.761	ug/l	98
78) n-propylbenzene	12.80	91	154758	10.791	ug/l	99
79) 2-Chlorotoluene	12.89	91	89879	10.971	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	105004	10.763	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	6176	8.593	ug/l	88
82) 4-Chlorotoluene	12.99	91	94130	11.116	ug/l	100
83) tert-Butylbenzene	13.21	119	87252	10.584	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	107836	10.986	ug/l	100
85) sec-Butylbenzene	13.38	105	128404	10.706	ug/l	100
86) p-Isopropyltoluene	13.50	119	114638	10.678	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	55867	11.185	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	55705	11.219	ug/l	99
89) n-Butylbenzene	13.82	91	116466	10.842	ug/l	100
90) Hexachloroethane	14.10	117	18813	9.876	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	49360	10.939	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3839	9.799	ug/l	97

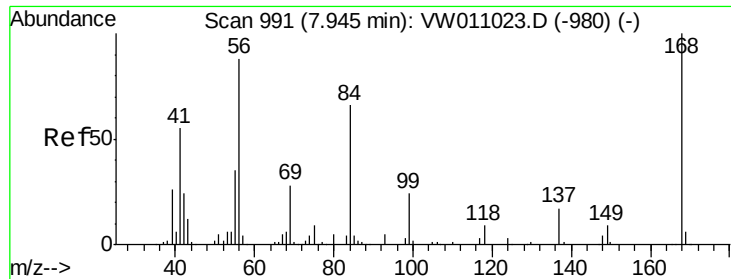
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
Data File : VW011021.D
Acq On : 27 Jun 2019 15:28
Operator : SY/VA
Sample : VSTDICC010
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 28 01:41:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:35:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	33921	10.719	ug/l	100
94) Hexachlorobutadiene	15.24	225	20953	10.621	ug/l	99
95) Naphthalene	15.37	128	61121	10.509	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	30235	11.166	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

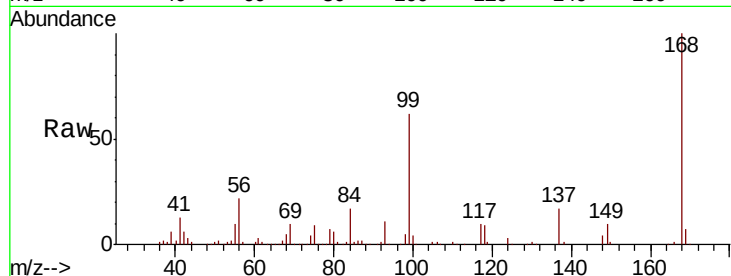
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 220702

Ion Ratio Lower Upper

168 100

99 61.7 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

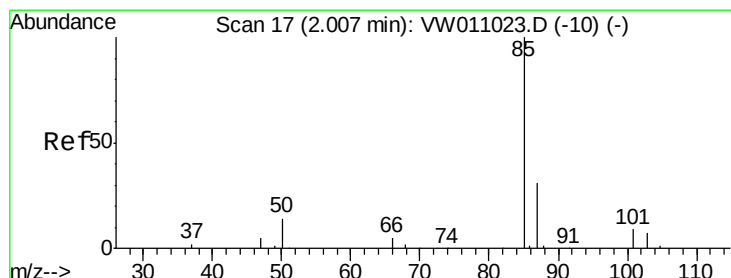
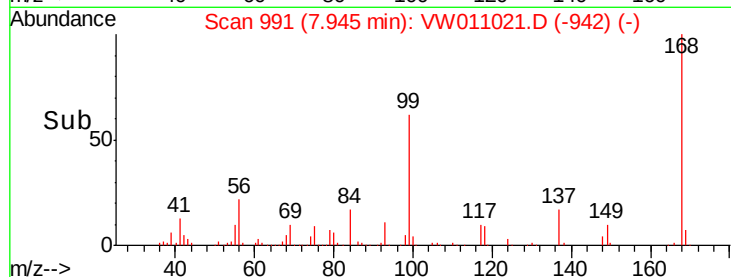
20000

0

Time-->

7.90

8.00



#2

Dichlorodifluoromethane

Concen: 9.456 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011021.D

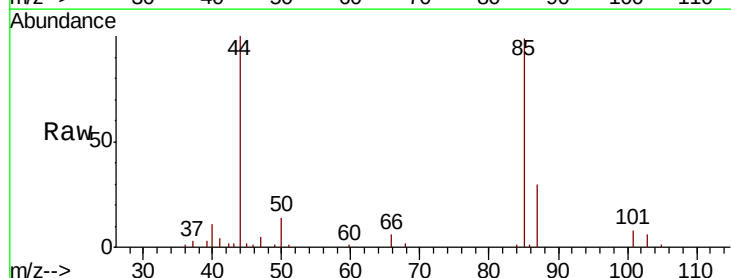
Acq: 27 Jun 2019 15:28

Tgt Ion: 85 Resp: 18948

Ion Ratio Lower Upper

85 100

87 30.0 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

4000

2000

0

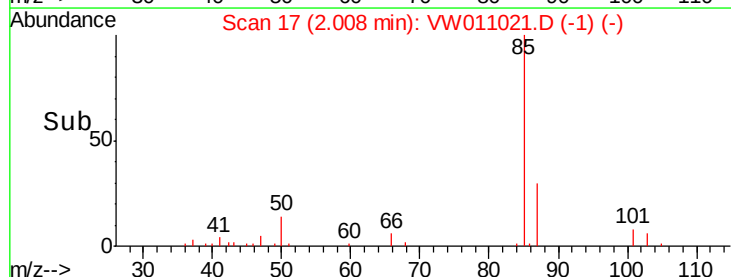
Time-->

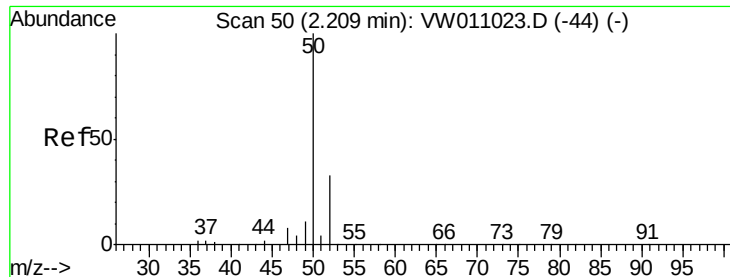
1.90

2.00

2.10

2.20





#3

Chloromethane

Concen: 8.497 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

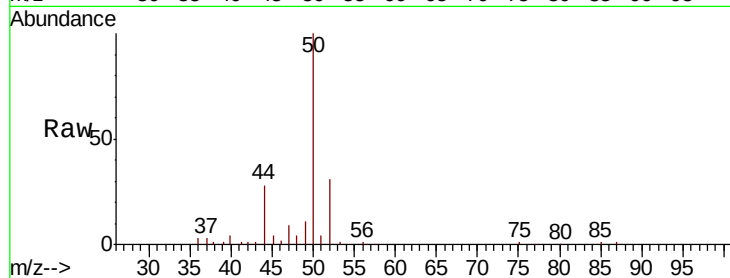
ClientSampleId :

Tot Ion: 50 Resp: 24581

Ion Ratio Lower Upper

50 100

52 31.3 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

15000

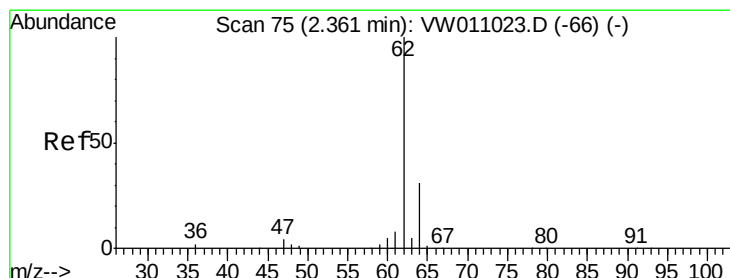
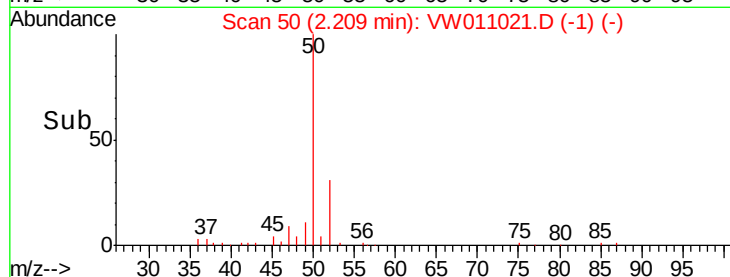
10000

5000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 11.604 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011021.D

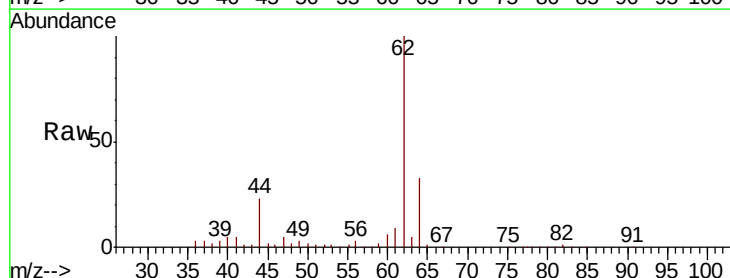
Acq: 27 Jun 2019 15:28

Tgt Ion: 62 Resp: 32641

Ion Ratio Lower Upper

62 100

64 32.5 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

20000

15000

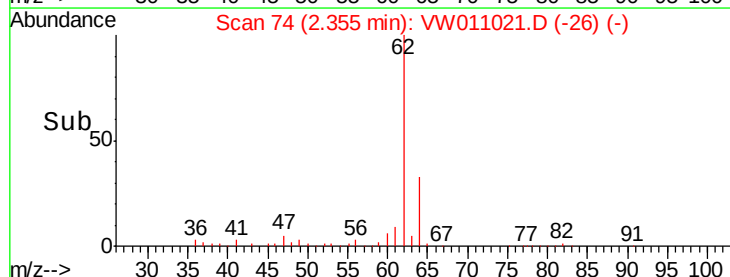
10000

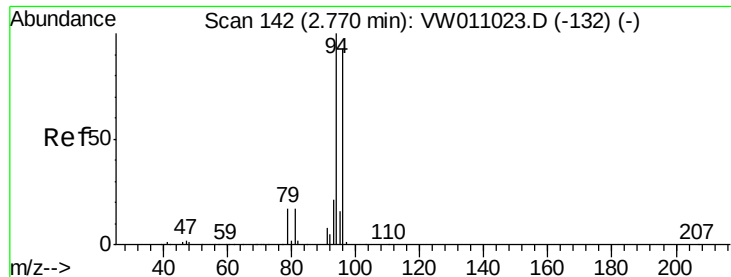
5000

0

Time-->

2.25 2.30 2.35 2.40 2.45





#5

Bromomethane

Concen: 10.634 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

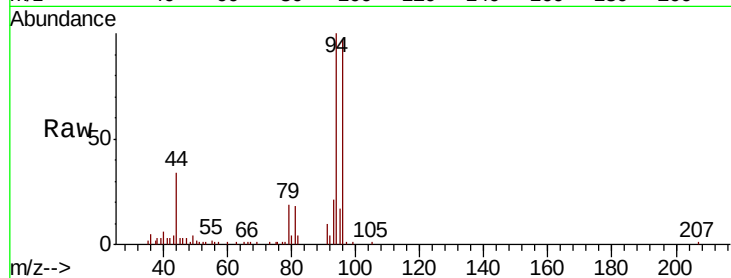
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 94 Resp: 16207

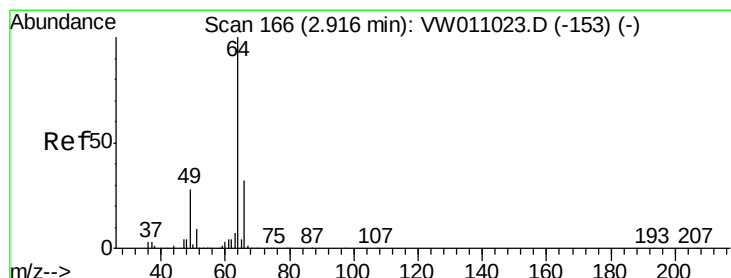
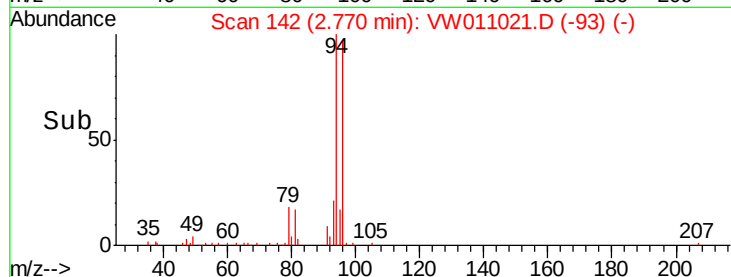
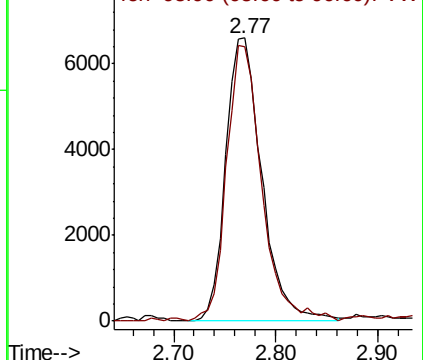
Ion Ratio Lower Upper

94 100

96 96.8 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VW
Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 10.197 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW011021.D

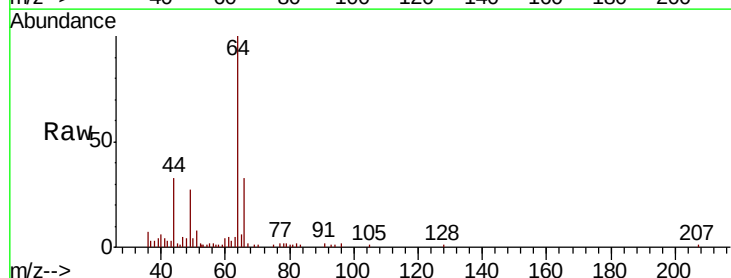
Acq: 27 Jun 2019 15:28

Tgt Ion: 64 Resp: 16824

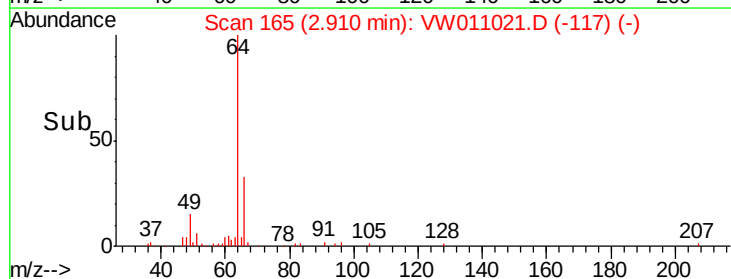
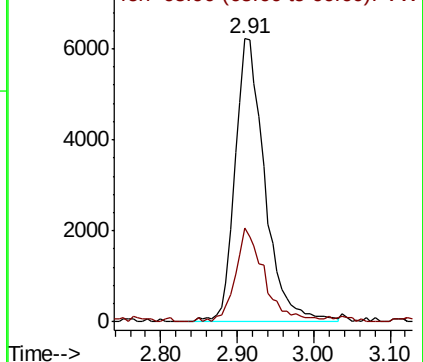
Ion Ratio Lower Upper

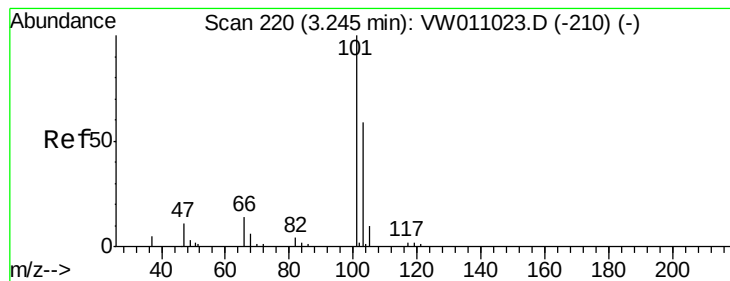
64 100

66 33.1 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VW
Ion 65.90 (65.60 to 66.60): VW



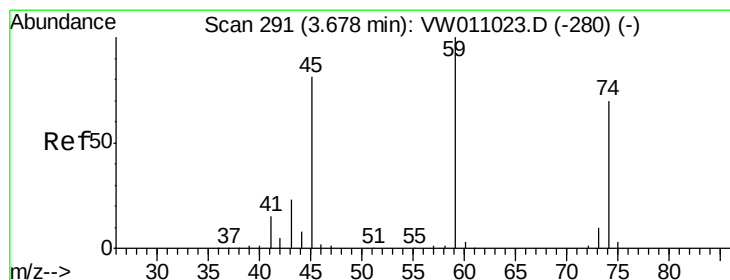
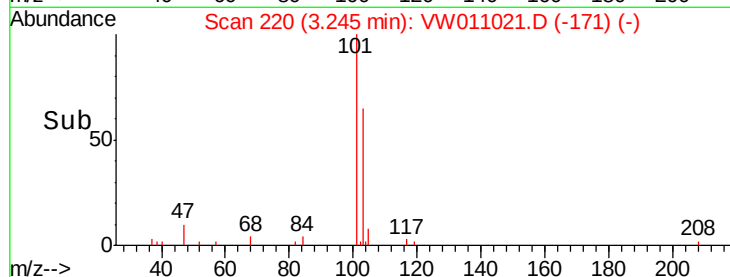
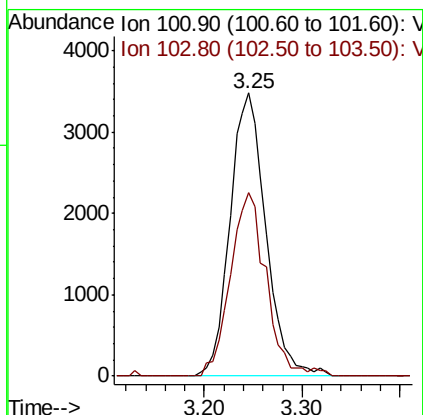
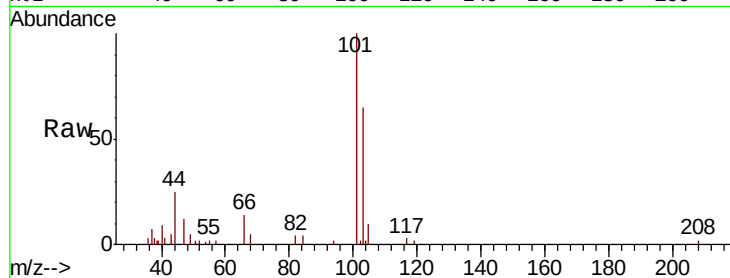


#7

Trichlorofluoromethane
 Concen: 2.778 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VW011021.D
 Acq: 27 Jun 2019 15:28

Instrument :
 MSVOA_W
 ClientSampleId :

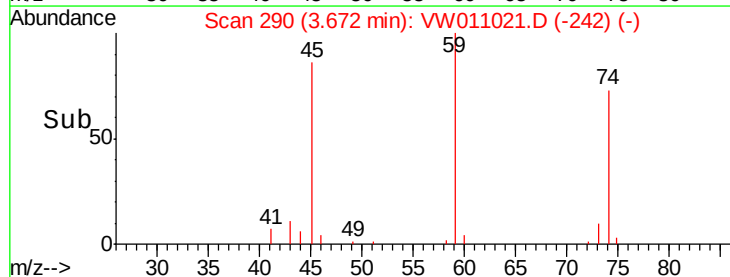
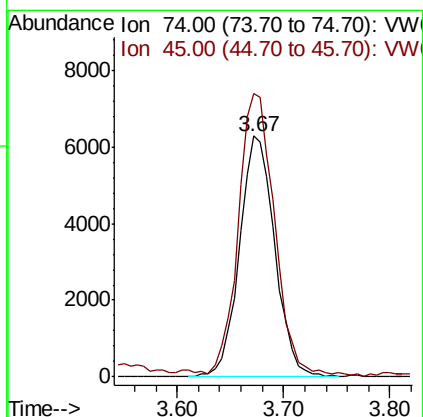
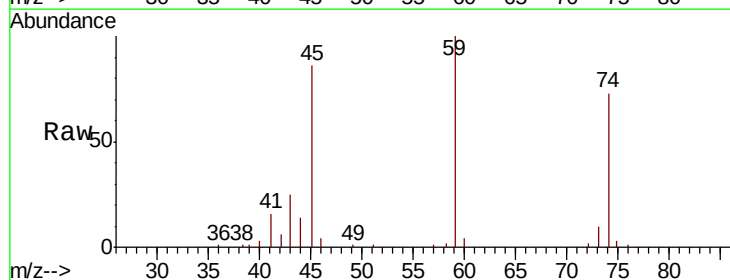
Tot Ion:101 Resp: 8820
 Ion Ratio Lower Upper
 101 100
 103 64.6 47.5 71.3

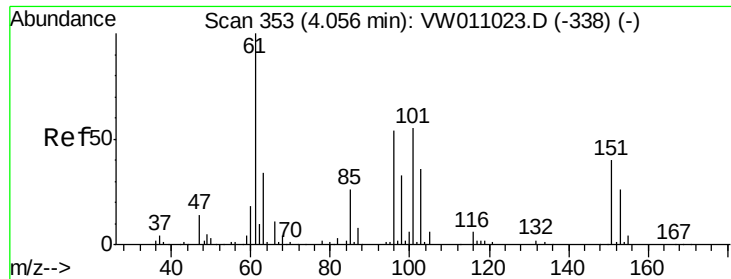


#8

Diethyl Ether
 Concen: 11.267 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW011021.D
 Acq: 27 Jun 2019 15:28

Tgt Ion: 74 Resp: 14613
 Ion Ratio Lower Upper
 74 100
 45 122.9 59.5 178.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.739 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

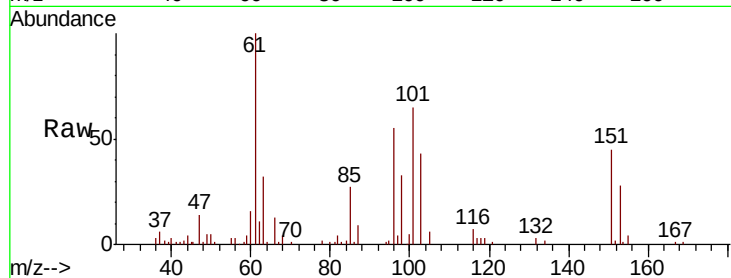
Tot Ion:101 Resp: 26298

Ion Ratio Lower Upper

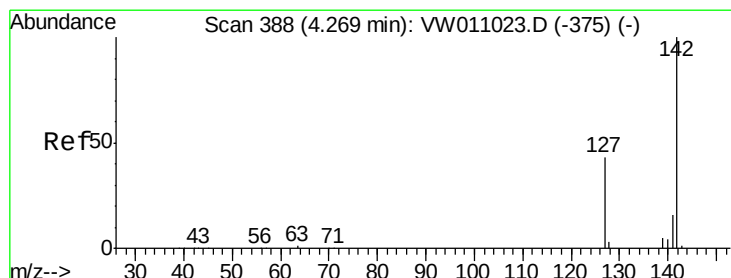
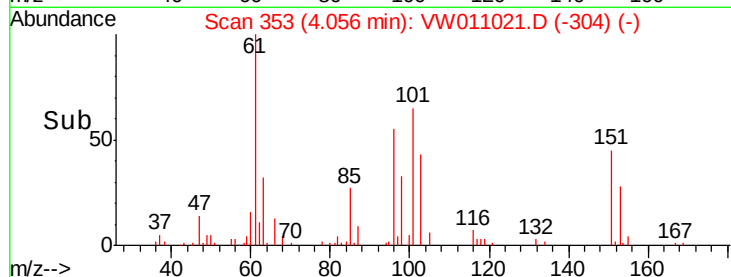
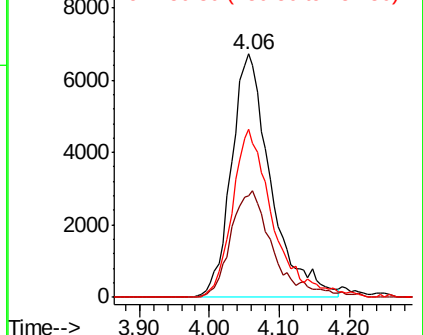
101 100

85 46.7 36.6 55.0

151 71.4 58.9 88.3



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.772 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

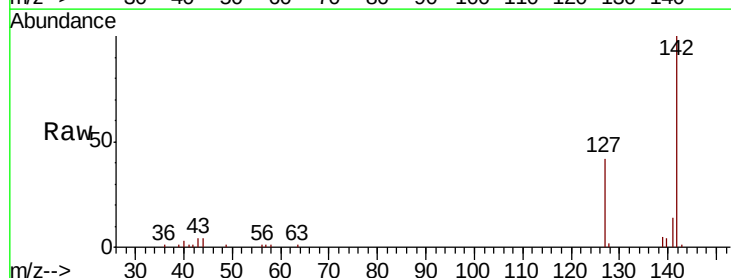
Tgt Ion:142 Resp: 36043

Ion Ratio Lower Upper

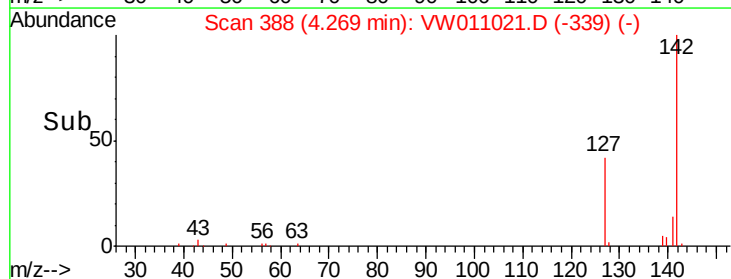
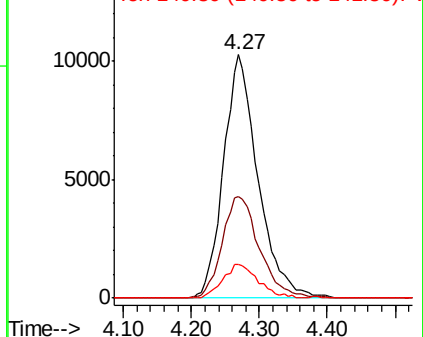
142 100

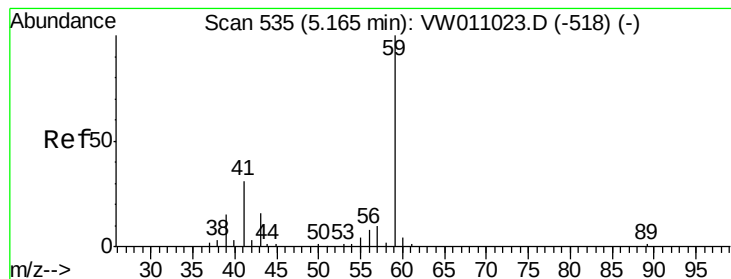
127 45.1 35.8 53.8

141 14.3 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: 51.861 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

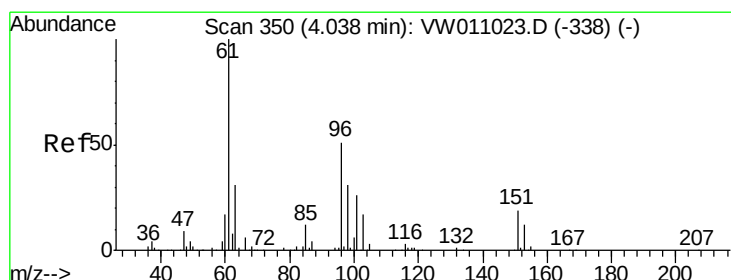
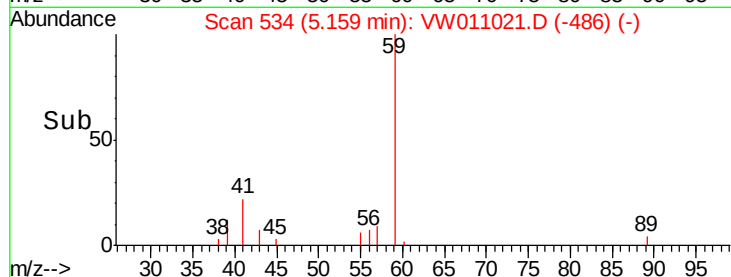
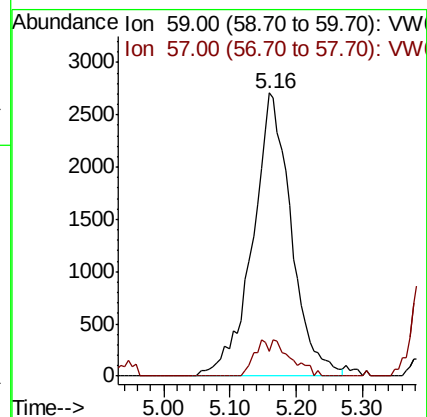
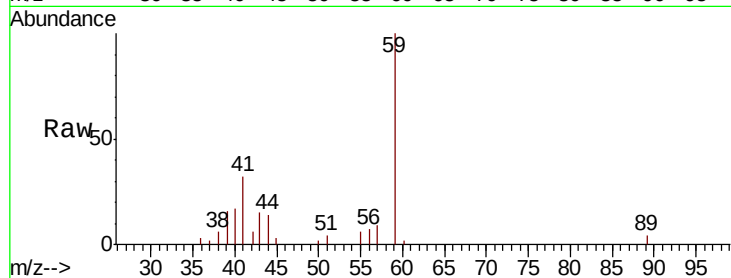
ClientSampled :

Tot Ion: 59 Resp: 10975

Ion Ratio Lower Upper

59 100

57 5.0 9.0 13.4#



#12

1,1-Dichloroethene

Concen: 11.958 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

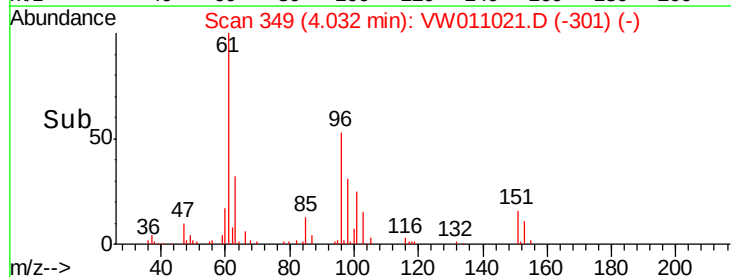
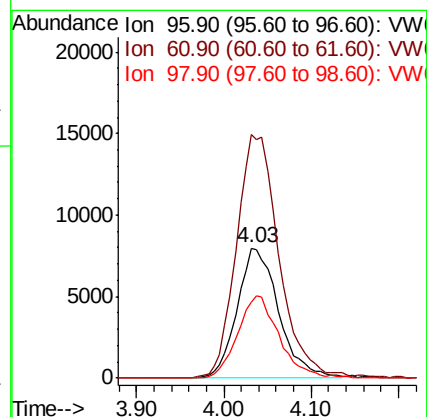
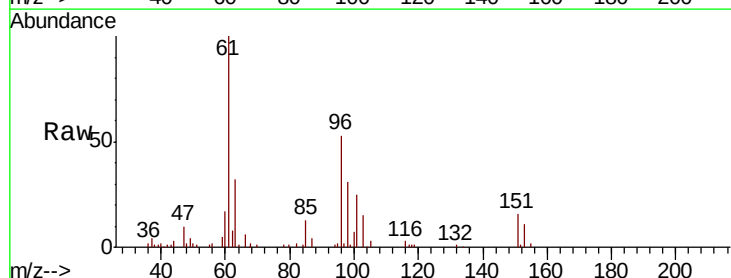
Tgt Ion: 96 Resp: 26282

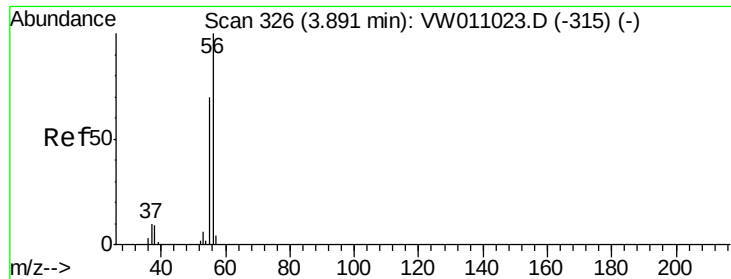
Ion Ratio Lower Upper

96 100

61 187.0 156.0 234.0

98 58.7 48.7 73.1





#13

Acrolein

Concen: 78.024 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

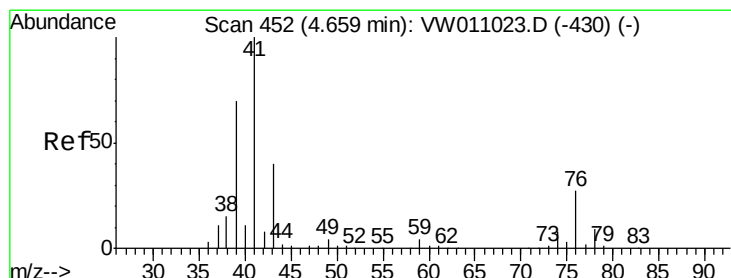
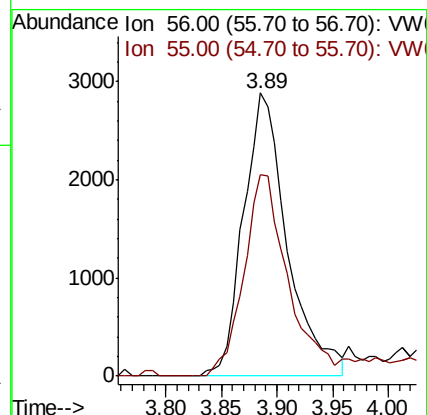
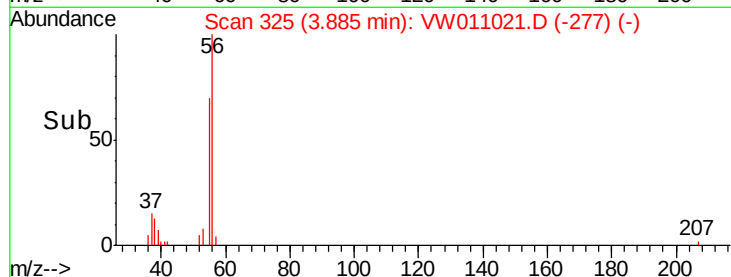
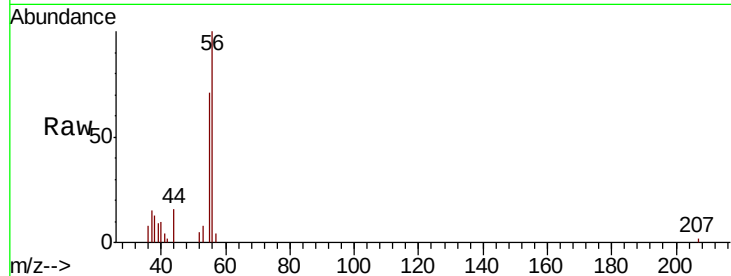
ClientSampleId :

Tot Ion: 56 Resp: 7908

Ion Ratio Lower Upper

56 100

55 71.1 55.7 83.5



#14

Allyl chloride

Concen: 9.253 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

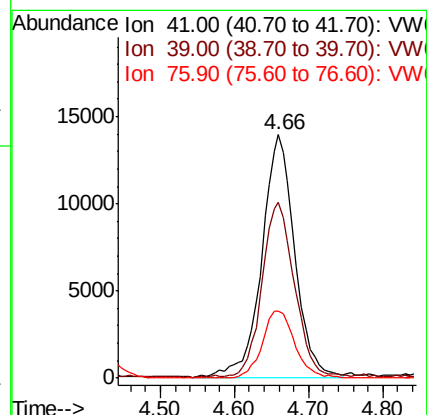
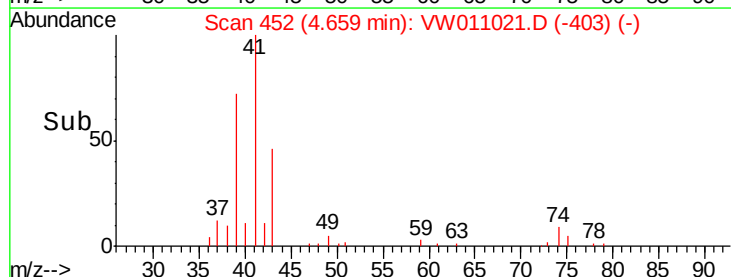
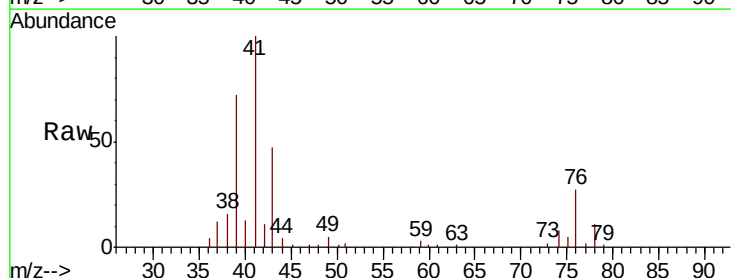
Tgt Ion: 41 Resp: 42659

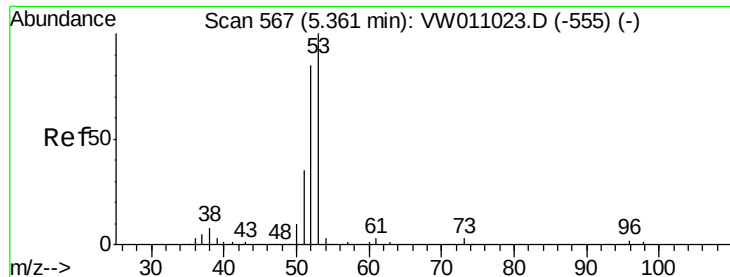
Ion Ratio Lower Upper

41 100

39 71.0 55.4 83.2

76 27.6 22.0 33.0





#15

Acrylonitrile

Concen: 53.732 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

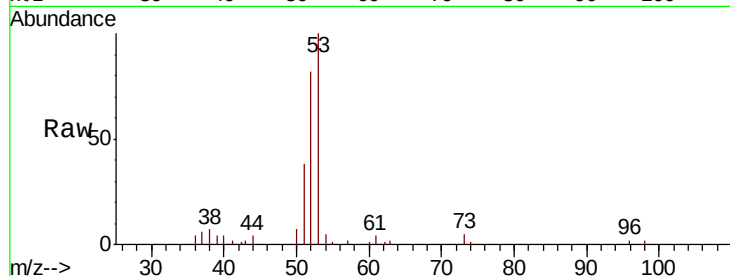
Tot Ion: 53 Resp: 34294

Ion Ratio Lower Upper

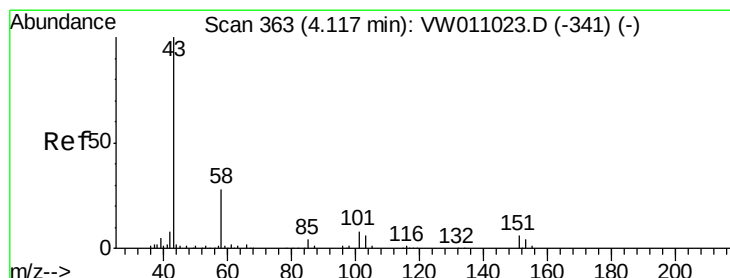
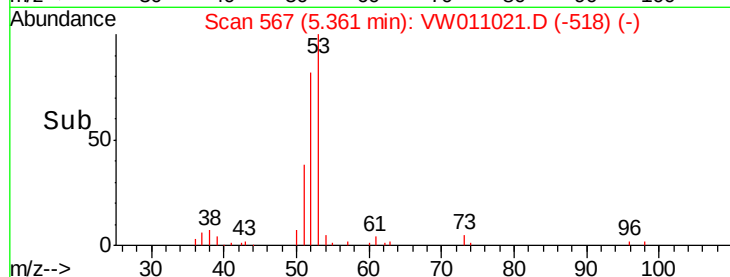
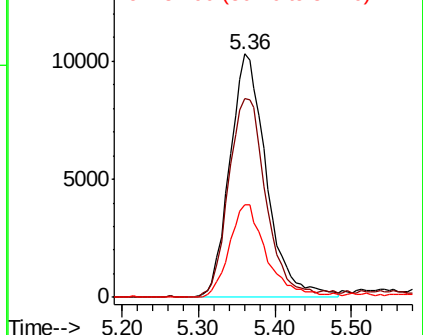
53 100

52 82.8 66.3 99.5

51 38.3 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: 48.975 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011021.D

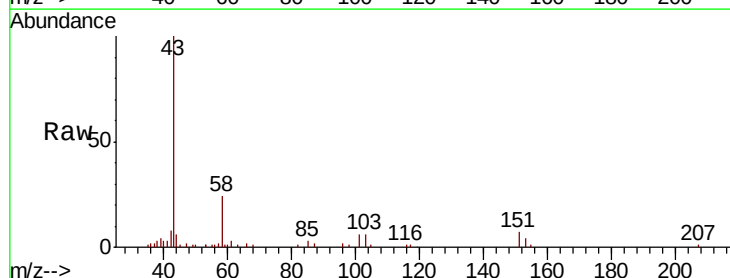
Acq: 27 Jun 2019 15:28

Tgt Ion: 43 Resp: 34205

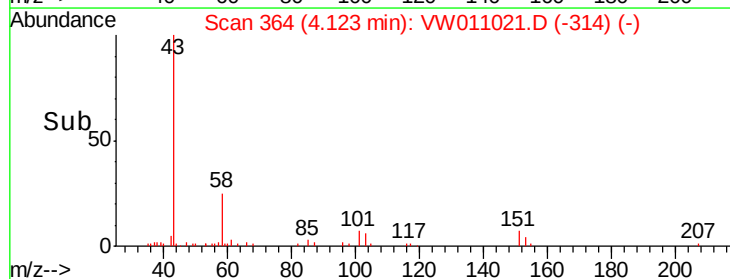
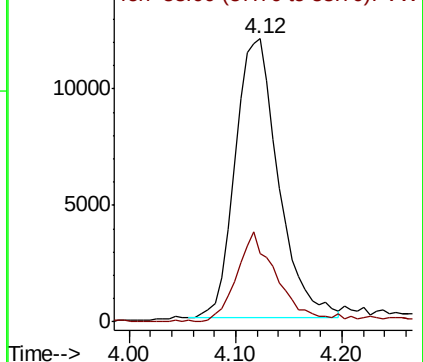
Ion Ratio Lower Upper

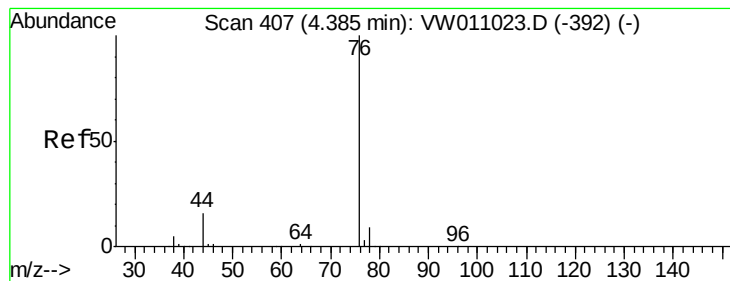
43 100

58 24.0 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: 10.552 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

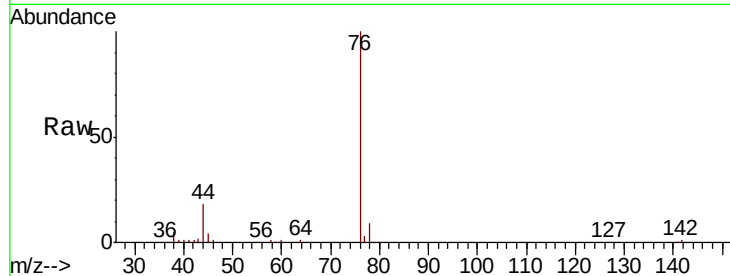
ClientSampleId :

Tot Ion: 76 Resp: 72727

Ion Ratio Lower Upper

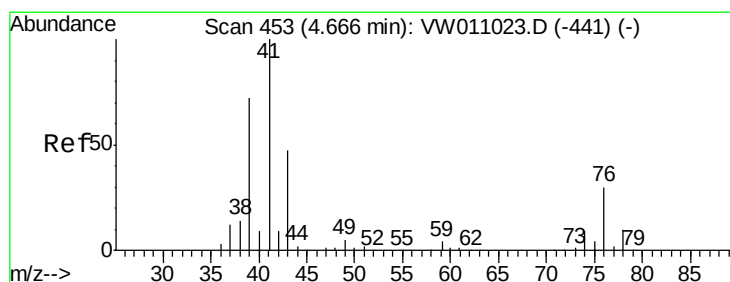
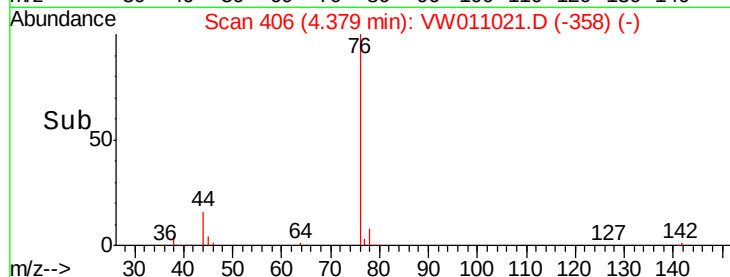
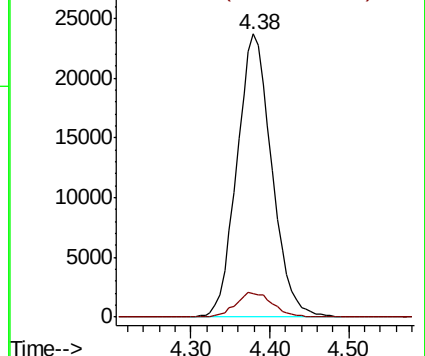
76 100

78 8.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 13.340 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW011021.D

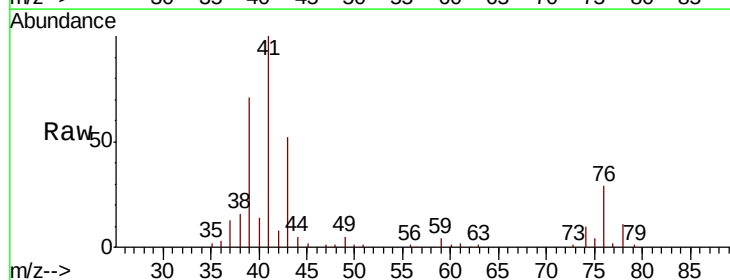
Acq: 27 Jun 2019 15:28

Tgt Ion: 43 Resp: 20657

Ion Ratio Lower Upper

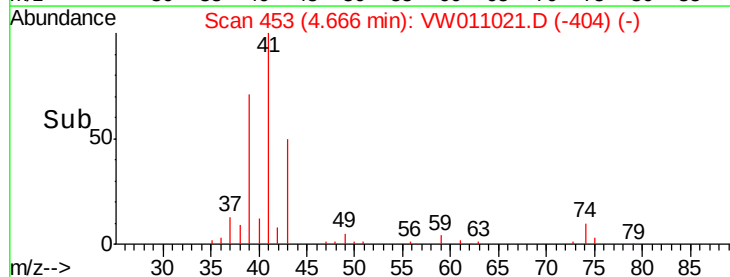
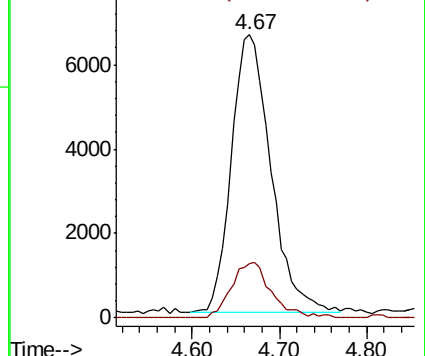
43 100

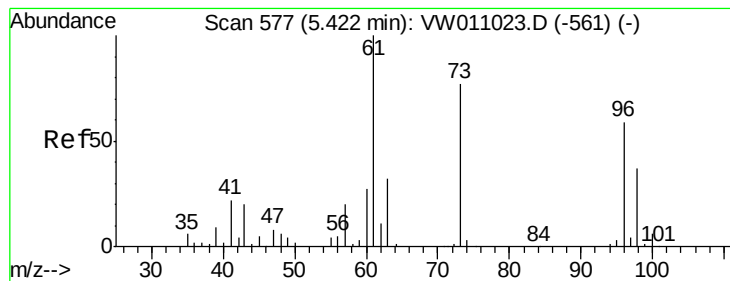
74 19.7 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



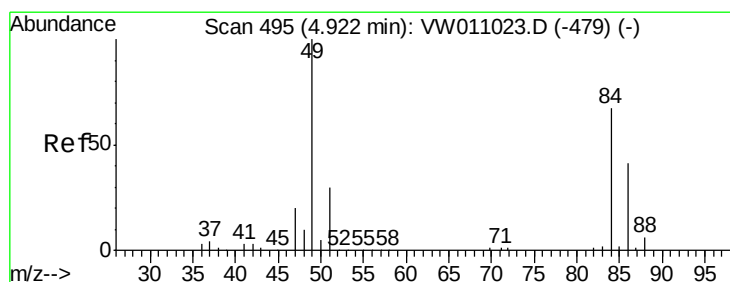
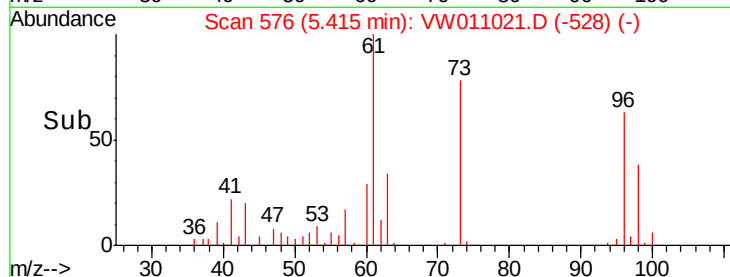
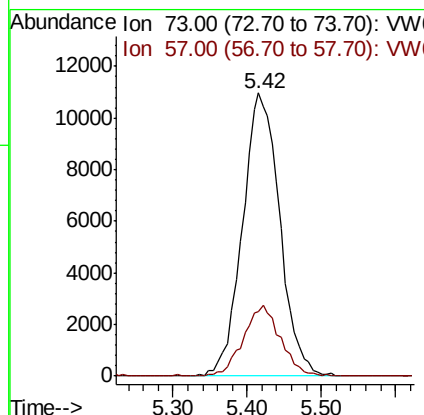
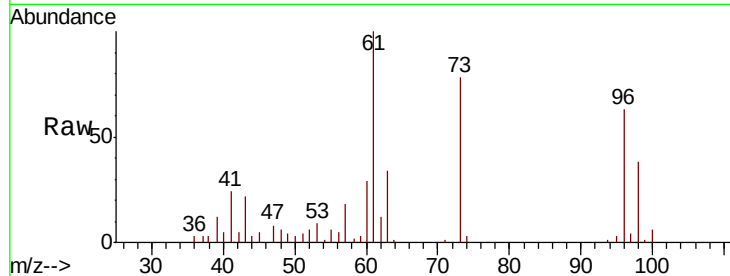


#19

Methyl tert-butyl Ether
 Concen: 6.668 ug/l
 RT: 5.42 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VW011021.D
 Acq: 27 Jun 2019 15:28

Instrument :
 MSVOA_W
 ClientSampled :

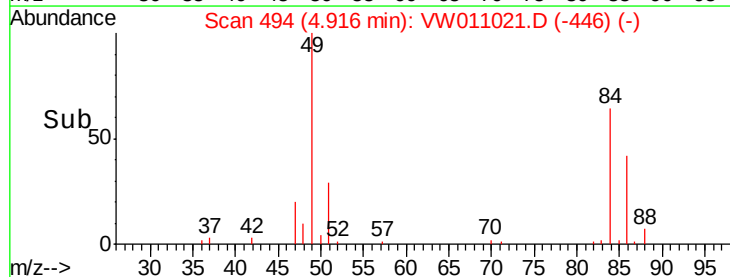
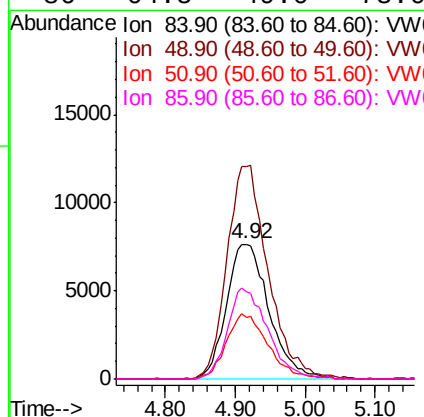
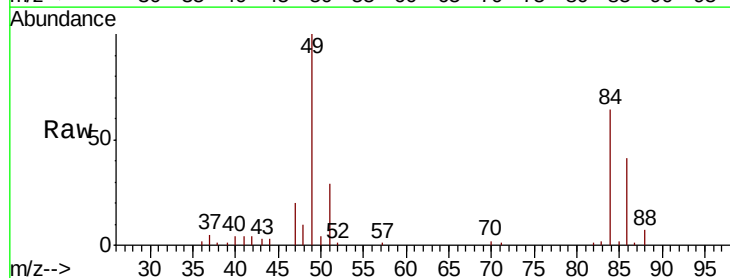
Tot Ion: 73 Resp: 38394
 Ion Ratio Lower Upper
 73 100
 57 22.9 20.8 31.2

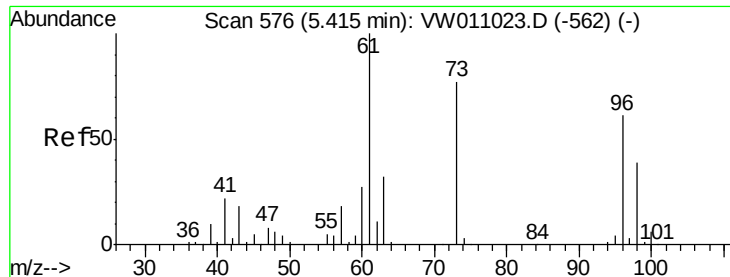


#20

Methylene Chloride
 Concen: 12.954 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW011021.D
 Acq: 27 Jun 2019 15:28

Tgt Ion: 84 Resp: 32354
 Ion Ratio Lower Upper
 84 100
 49 156.6 119.6 179.4
 51 45.8 35.6 53.4
 86 64.5 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 11.354 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

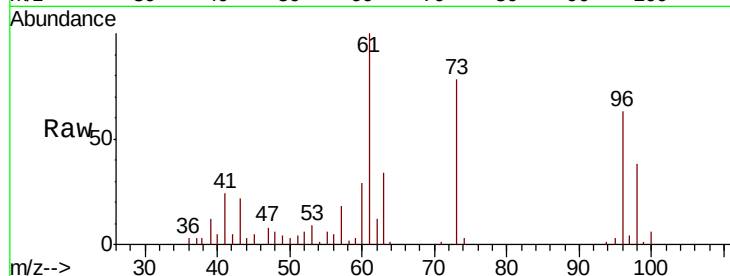
Tot Ion: 96 Resp: 27743

Ion Ratio Lower Upper

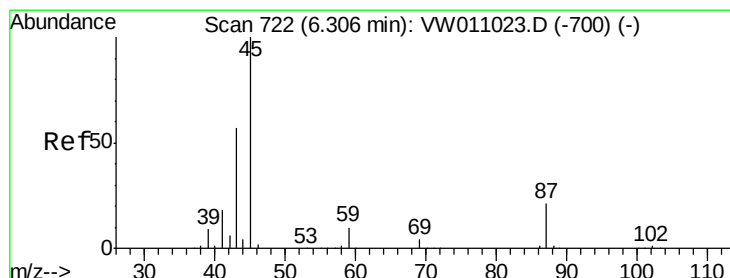
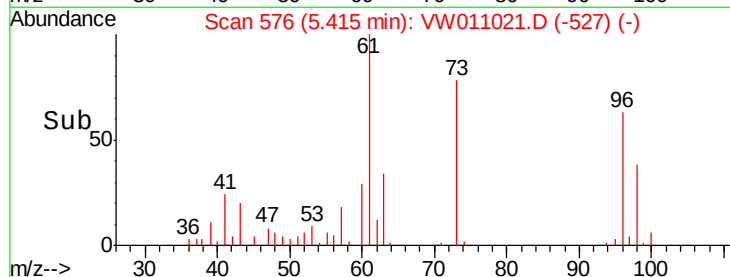
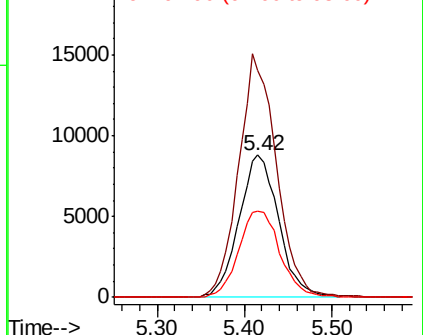
96 100

61 159.7 131.0 196.4

98 60.9 50.8 76.2



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



#22

Diisopropyl ether

Concen: 10.956 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Tgt Ion: 45 Resp: 103862

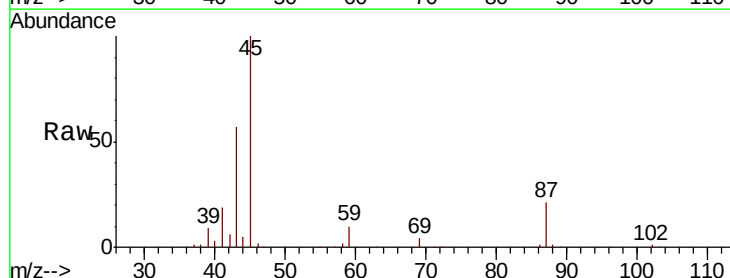
Ion Ratio Lower Upper

45 100

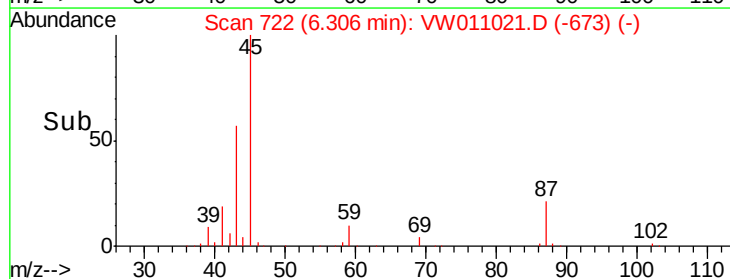
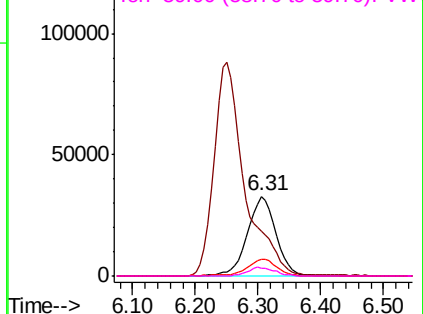
43 56.2 45.8 68.6

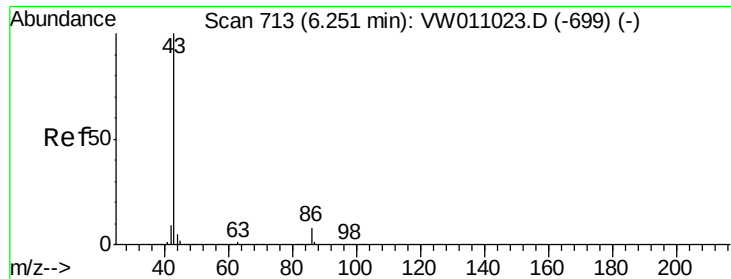
87 20.8 17.1 25.7

59 9.5 8.2 12.4



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





#23

Vinyl Acetate

Concen: 51.695 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

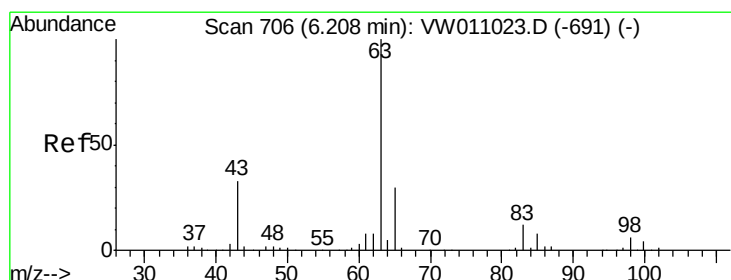
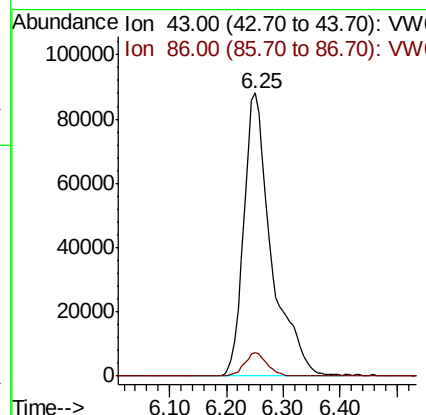
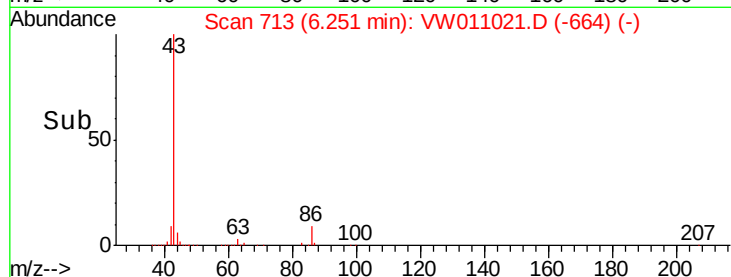
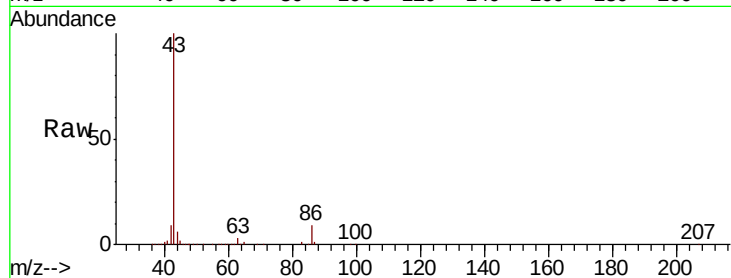
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 298133

Ion Ratio Lower Upper

43 100

86 8.5 6.6 10.0



#24

1,1-Dichloroethane

Concen: 11.520 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

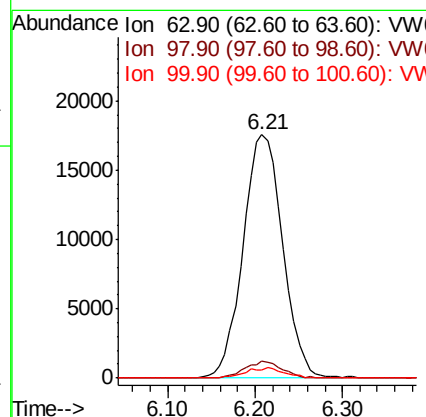
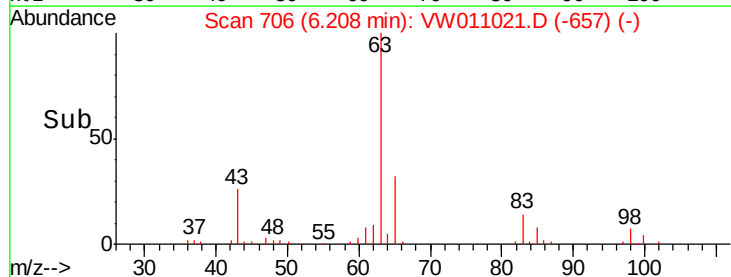
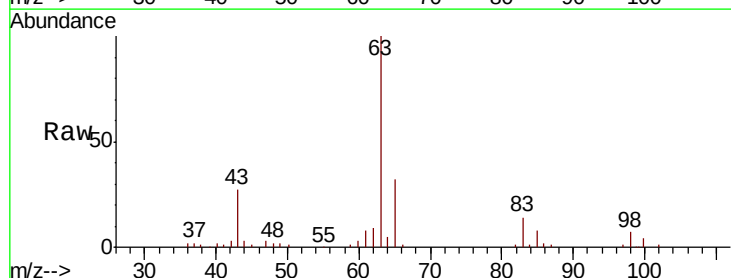
Tgt Ion: 63 Resp: 55208

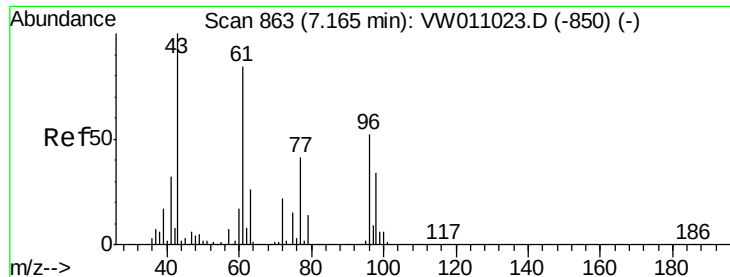
Ion Ratio Lower Upper

63 100

98 6.9 3.1 9.4

100 3.5 2.1 6.2

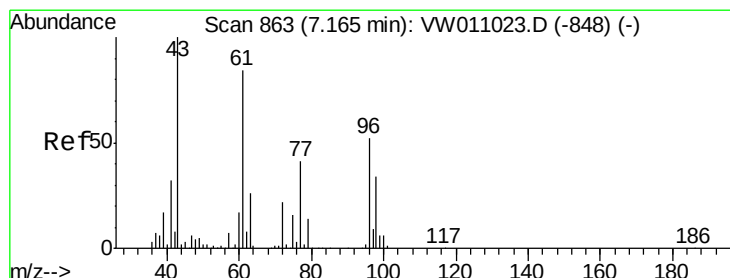
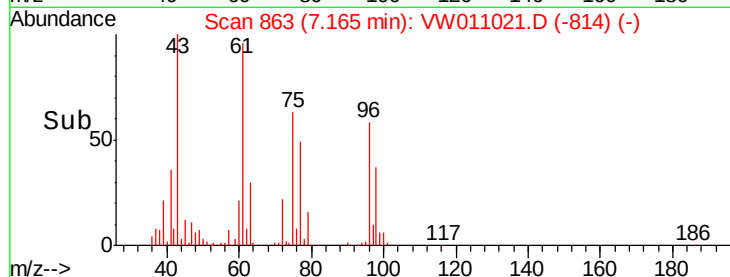
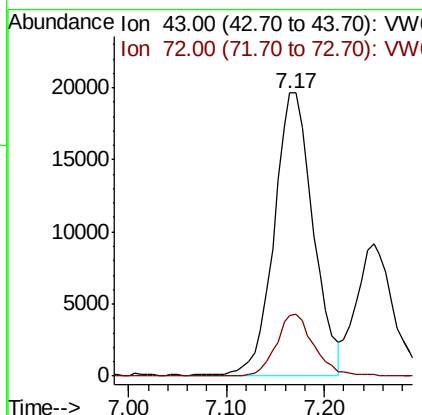
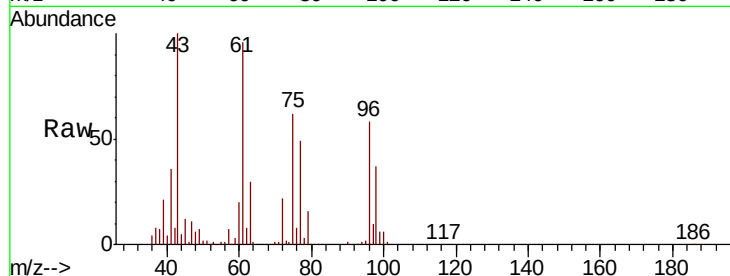




#25
2-Butanone
Concen: 55.401 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

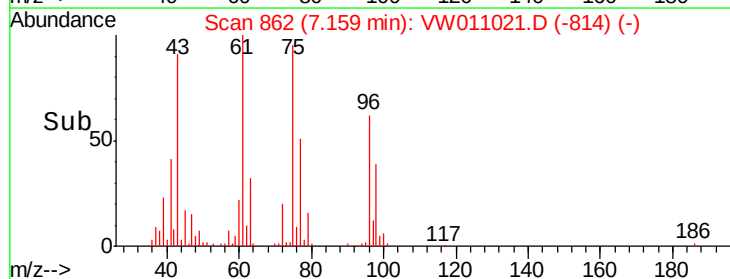
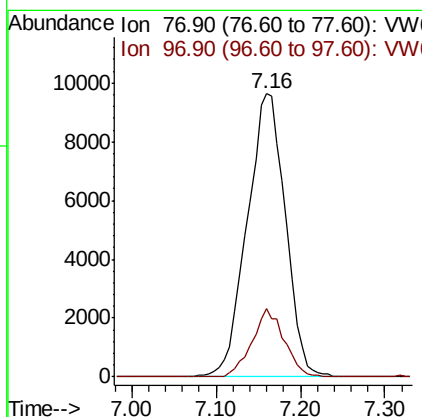
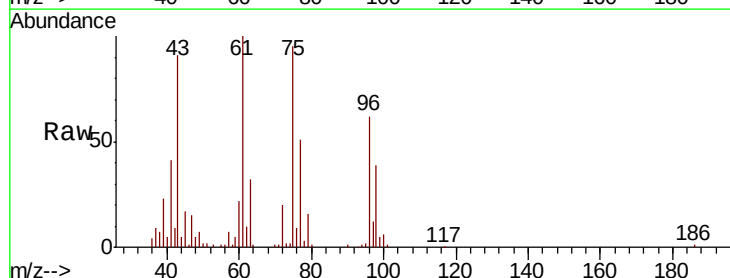
Instrument :
MSVOA_W
ClientSampled :

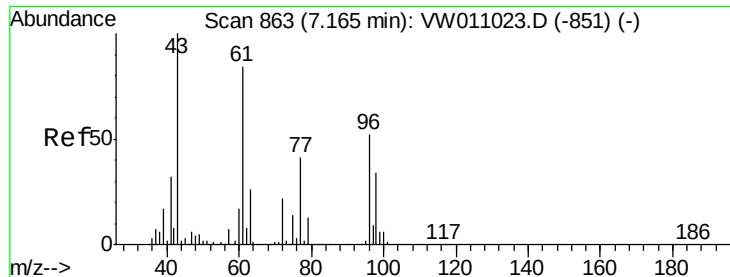
Tot Ion: 43 Resp: 54474
Ion Ratio Lower Upper
43 100
72 21.7 17.2 25.8



#26
2,2-Dichloropropane
Concen: 8.201 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

Tgt Ion: 77 Resp: 29815
Ion Ratio Lower Upper
77 100
97 20.3 10.9 32.7



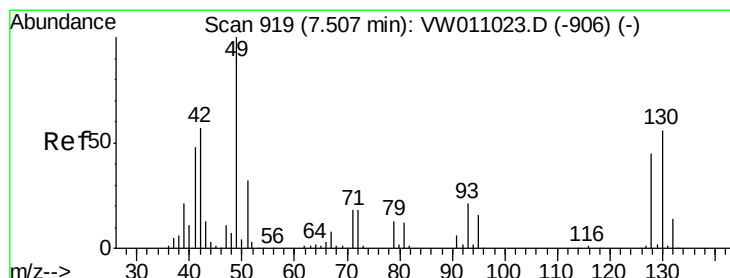
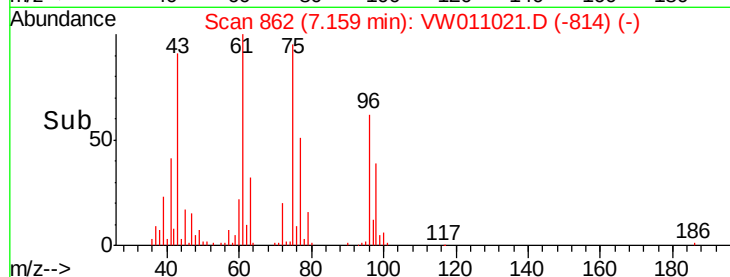
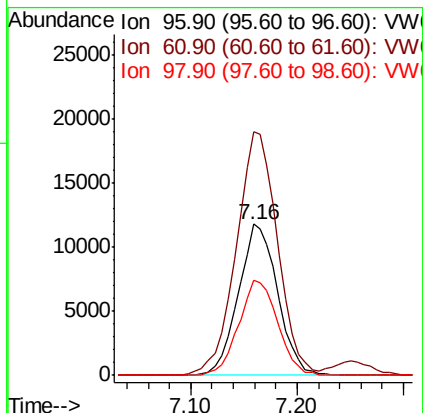
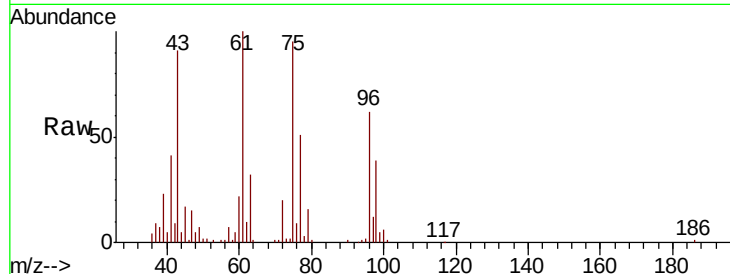


#27

cis-1,2-Dichloroethene
Concen: 11.326 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

Instrument :
MSVOA_W
ClientSampled :

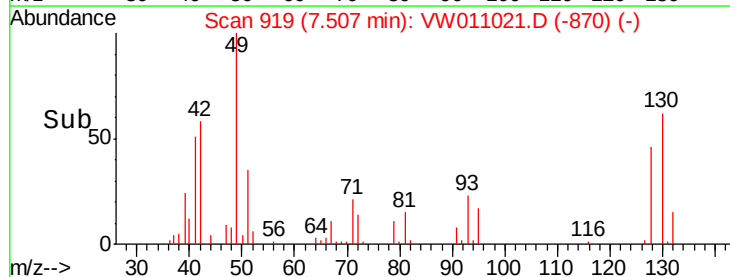
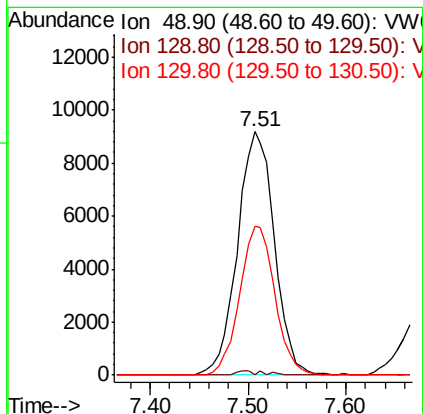
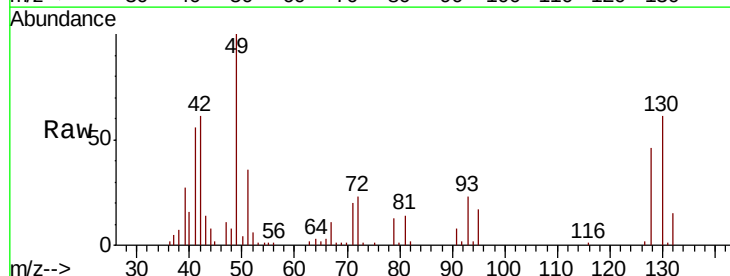
Tot Ion	96	Resp	30403
Ion	Ratio	Lower	Upper
96	100		
61	169.2	0.0	330.4
98	62.8	0.0	129.4

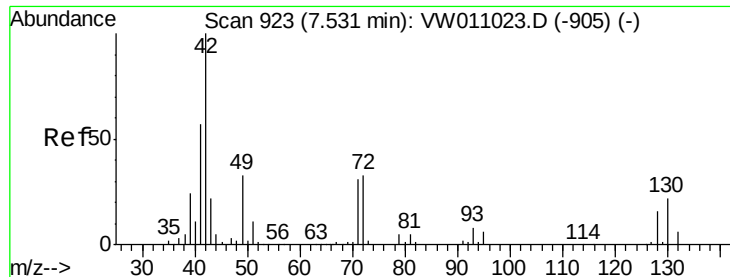


#28

Bromochloromethane
Concen: 10.897 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

Tgt Ion	49	Resp	23908
Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	3.4
130	58.6	46.1	69.1

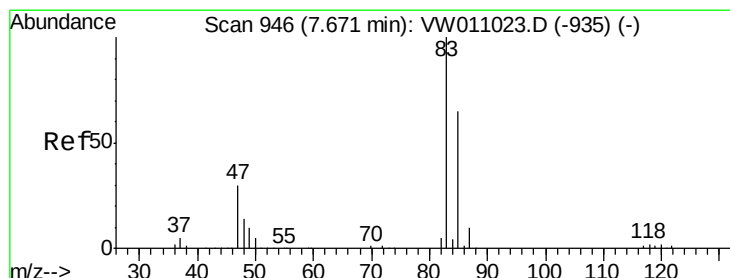
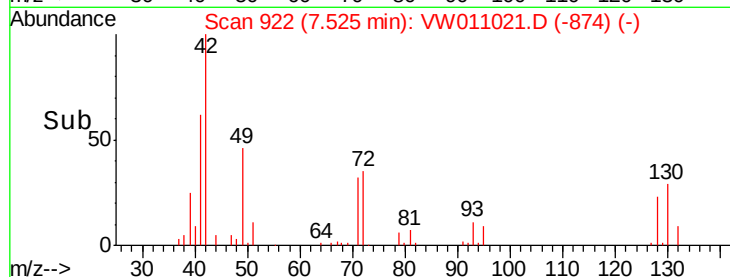
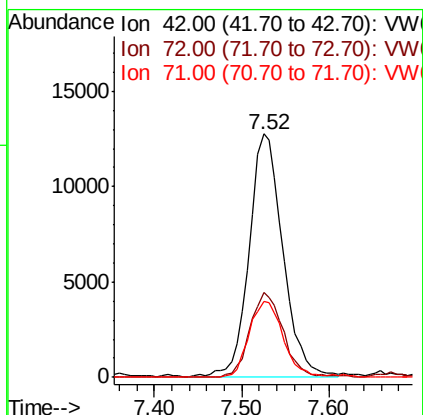
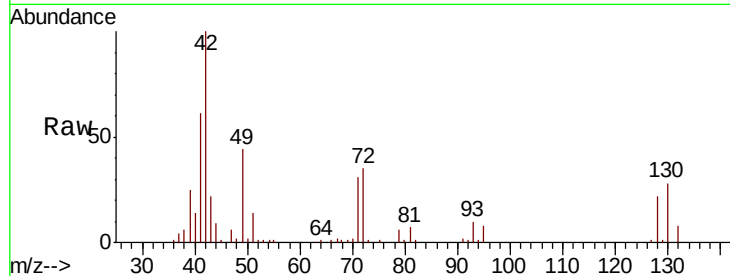




#29
Tetrahydrofuran
Concen: 55.161 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

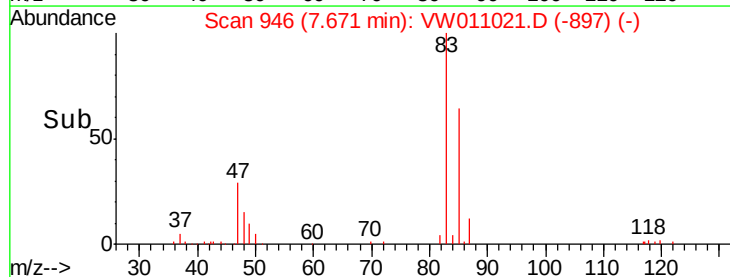
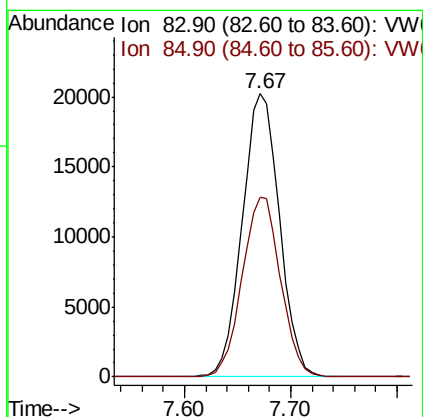
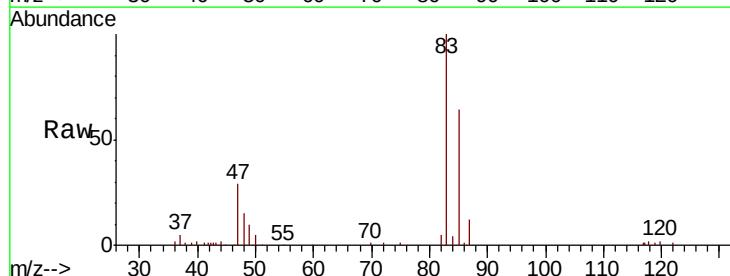
Instrument :
MSVOA_W
ClientSampled :

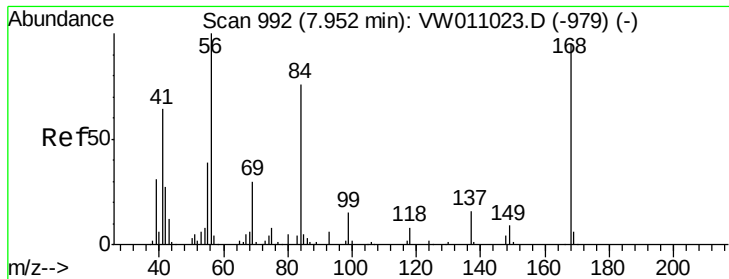
Tot Ion: 42 Resp: 34366
Ion Ratio Lower Upper
42 100
72 34.4 27.4 41.0
71 31.4 25.6 38.4



#30
Chloroform
Concen: 11.354 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

Tgt Ion: 83 Resp: 49741
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.4

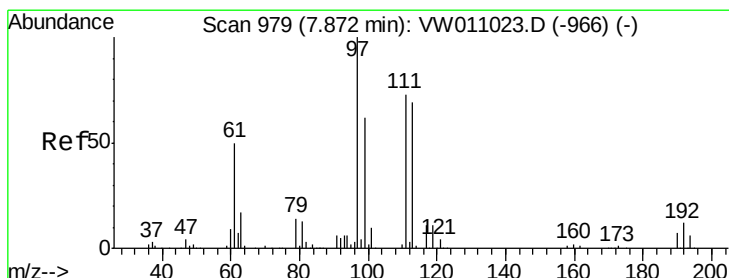
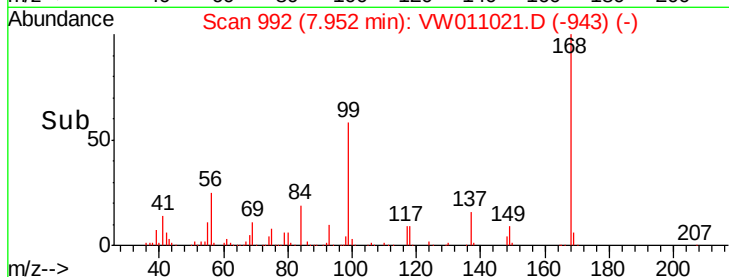
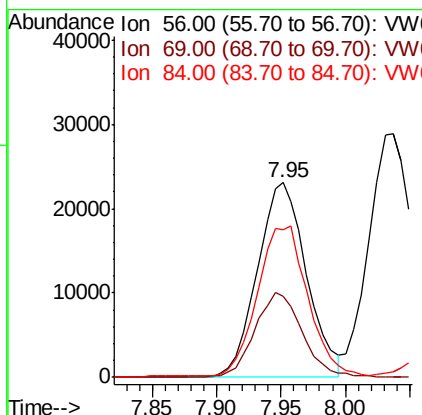
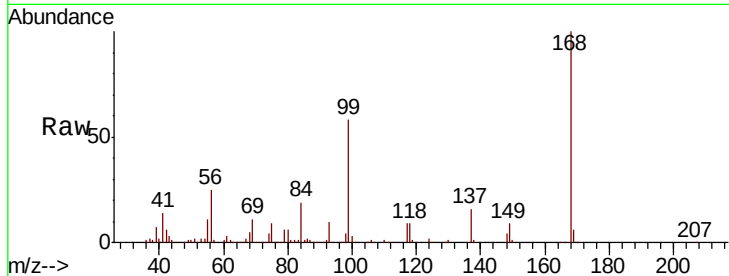




#31
Cyclohexane
Concen: 11.511 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

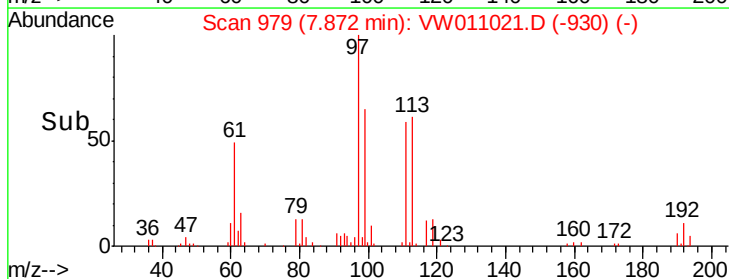
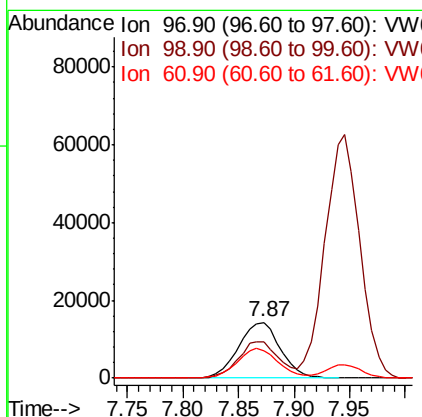
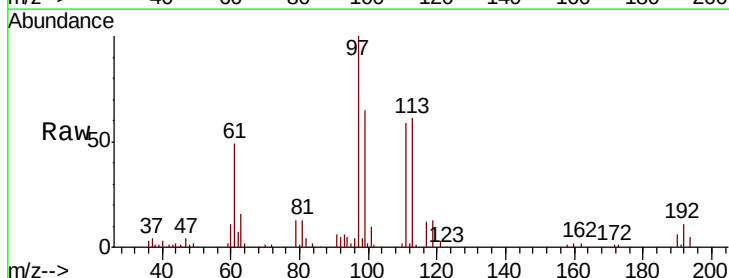
Instrument :
MSVOA_W
ClientSampleId :

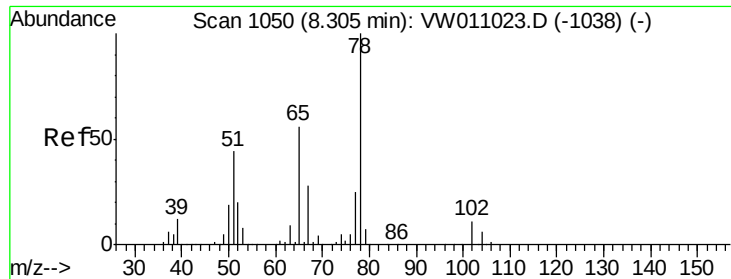
Tot Ion: 56 Resp: 61011
Ion Ratio Lower Upper
56 100
69 41.9 24.2 36.2#
84 74.8 60.6 90.8



#32
1,1,1-Trichloroethane
Concen: 9.992 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

Tgt Ion: 97 Resp: 37307
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 53.1 41.4 62.2

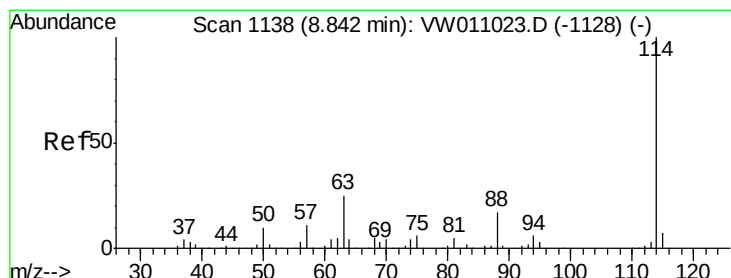
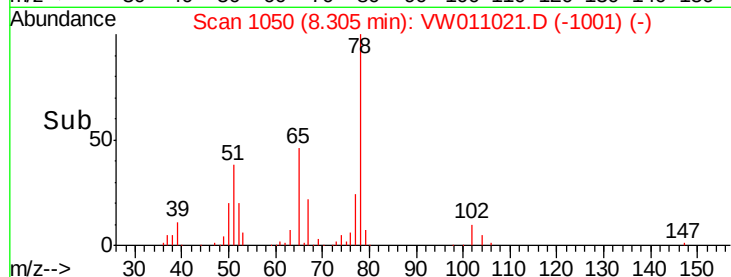
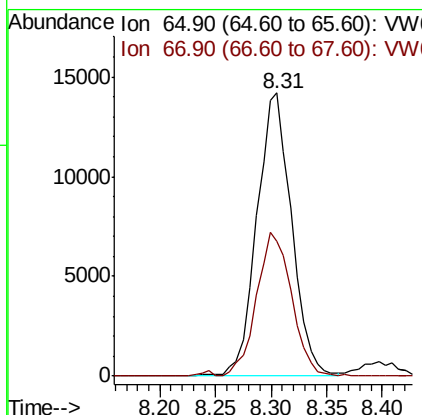
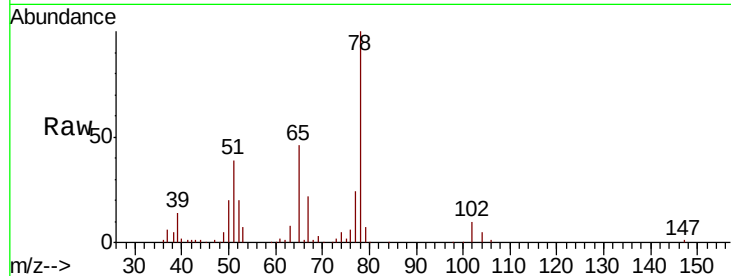




#33
 1,2-Dichloroethane-d4
 Concen: 11.351 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011021.D
 Acq: 27 Jun 2019 15:28

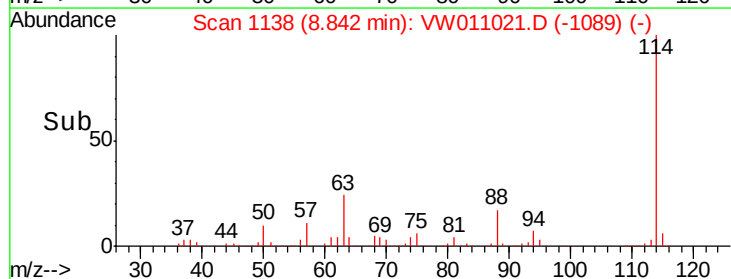
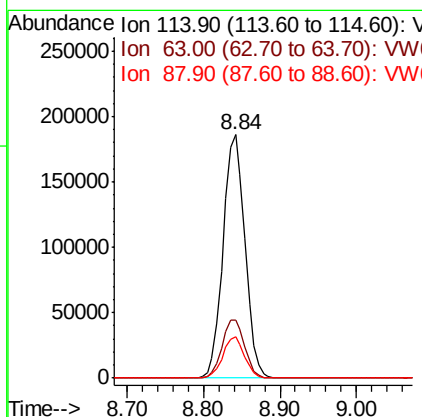
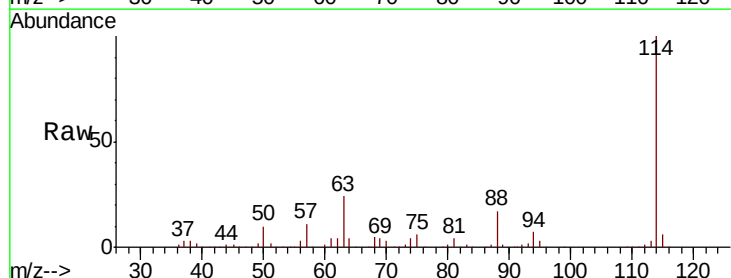
Instrument :
 MSVOA_W
 ClientSampleId :

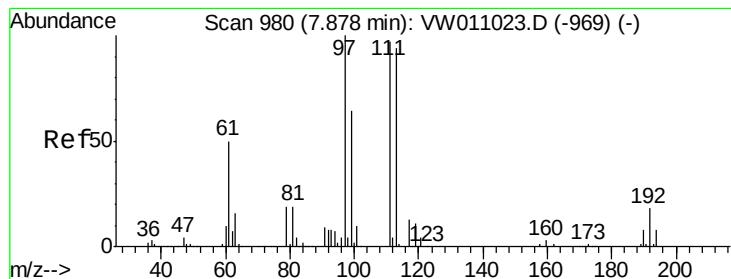
Tot Ion: 65 Resp: 30857
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011021.D
 Acq: 27 Jun 2019 15:28

Tgt Ion: 114 Resp: 367731
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 50.6
 88 16.8 0.0 34.0





#35

Dibromofluoromethane

Concen: 11.560 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

ClientSampled :

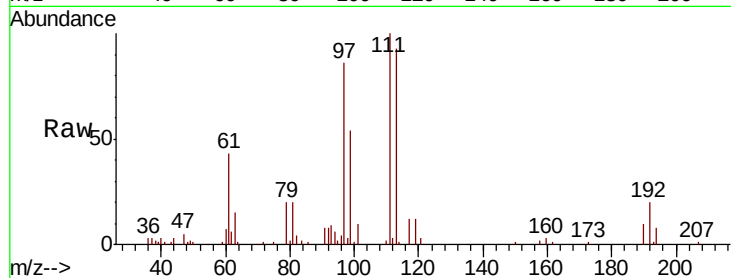
Tot Ion:113 Resp: 24001

Ion Ratio Lower Upper

113 100

111 99.2 83.8 125.6

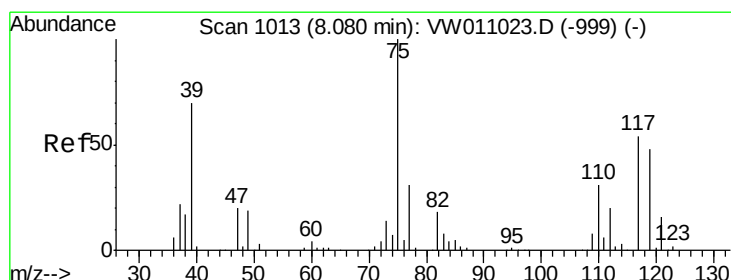
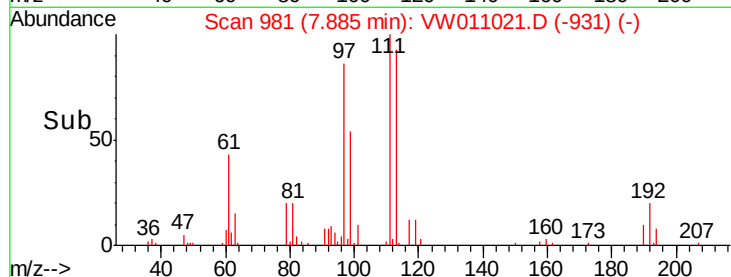
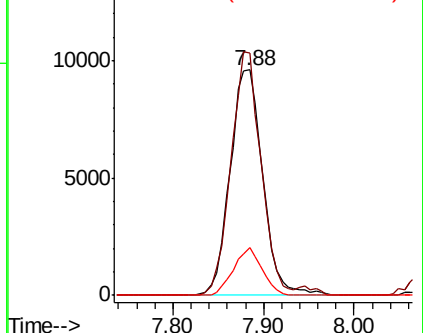
192 18.5 16.0 24.0



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: 11.172 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

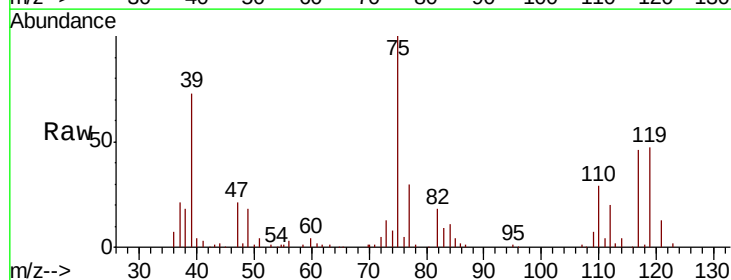
Tgt Ion: 75 Resp: 42491

Ion Ratio Lower Upper

75 100

110 30.8 15.5 46.5

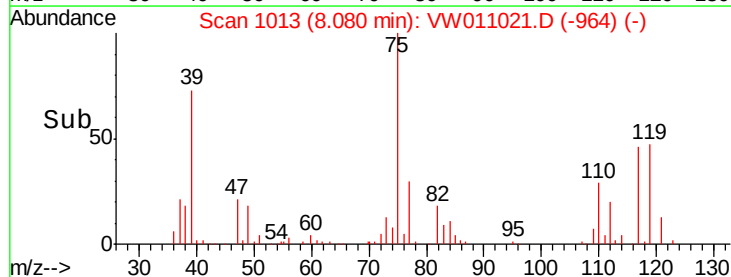
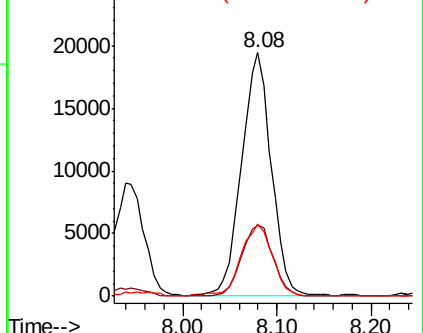
77 31.4 24.9 37.3

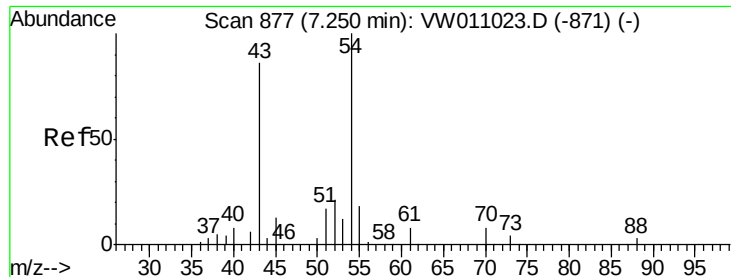


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

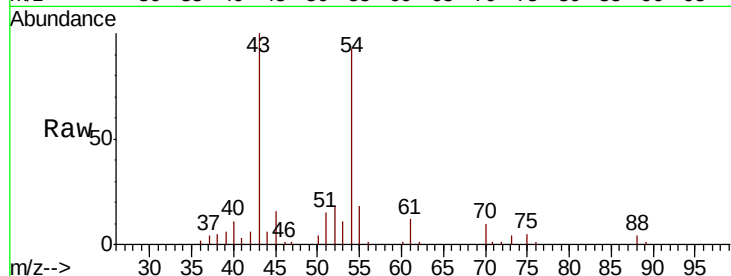




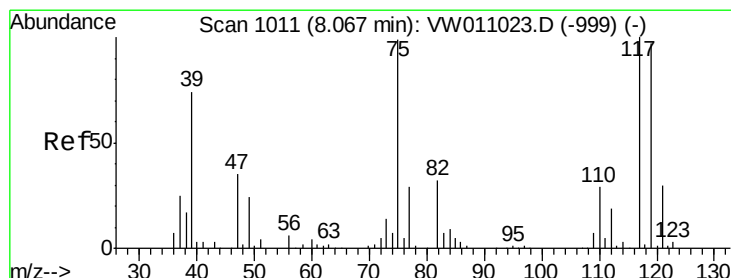
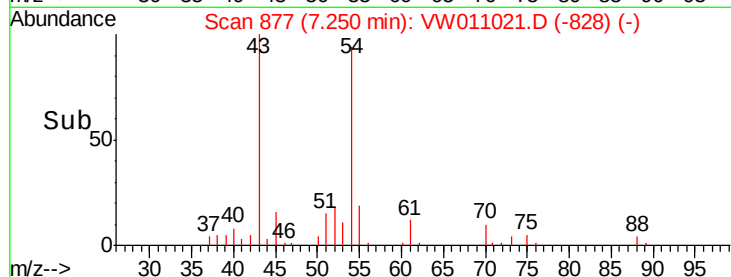
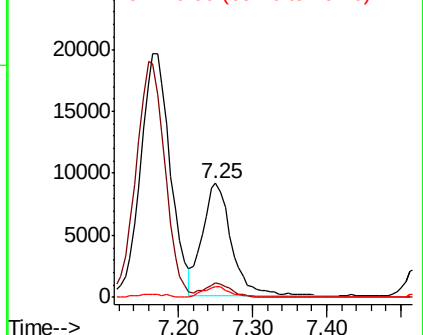
#37
Ethyl Acetate
Concen: 11.464 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 24506
Ion Ratio Lower Upper
43 100
61 11.7 9.0 13.4
70 9.0 7.2 10.8

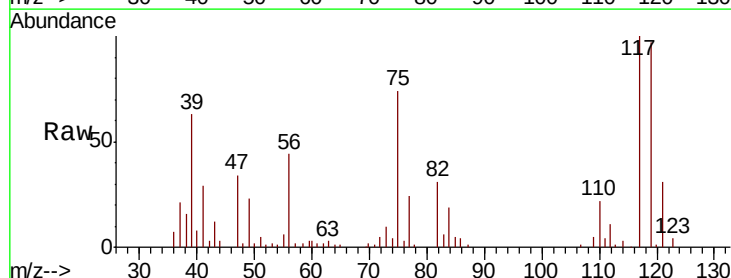


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

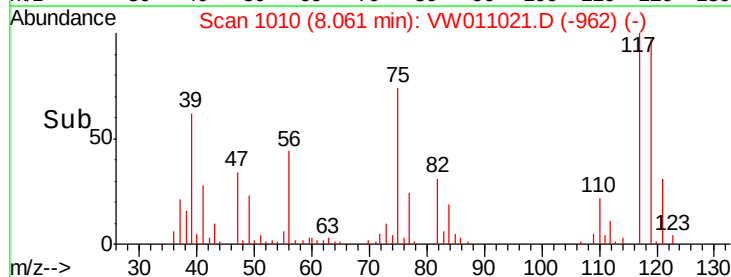
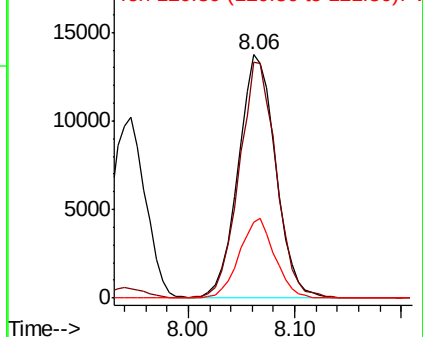


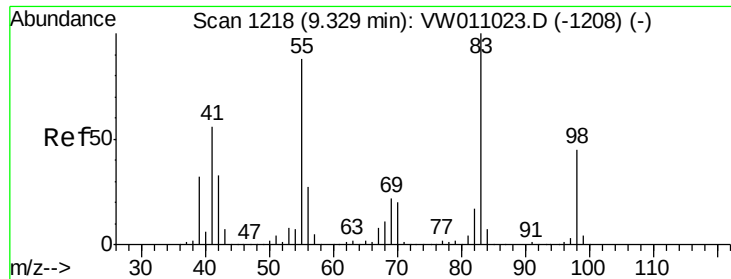
#38
Carbon Tetrachloride
Concen: 10.420 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

Tgt Ion: 117 Resp: 33882
Ion Ratio Lower Upper
117 100
119 97.1 77.7 116.5
121 31.3 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

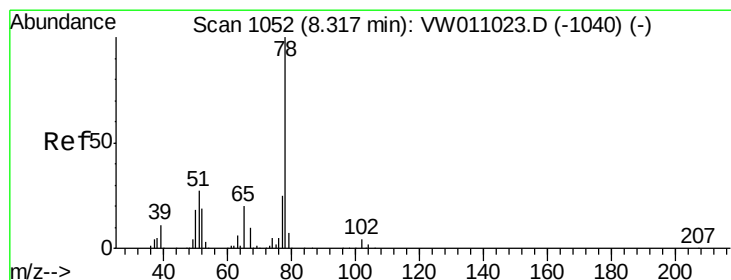
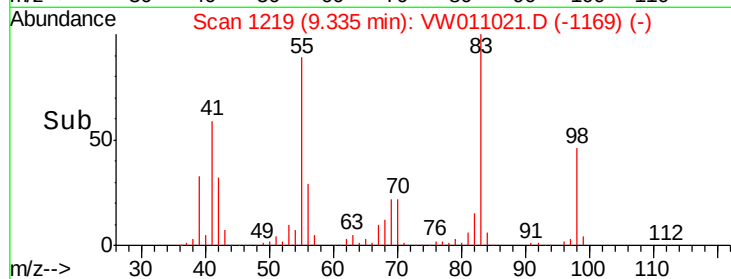
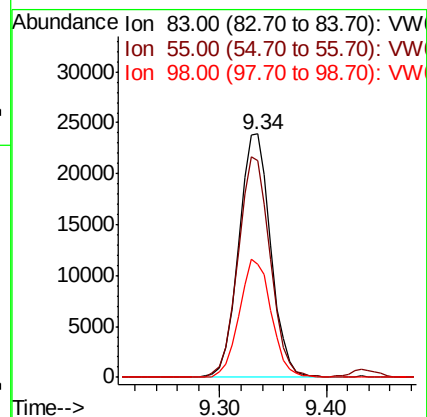
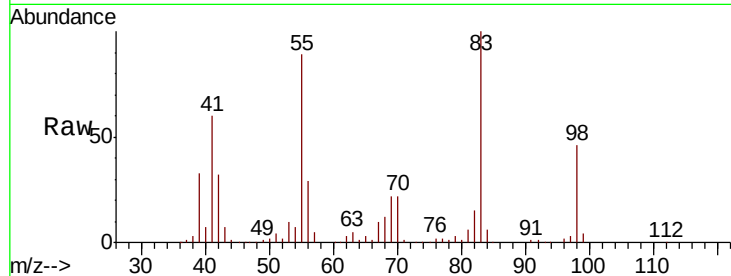




#39
Methylvlcyclohexane
Concen: 10.499 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

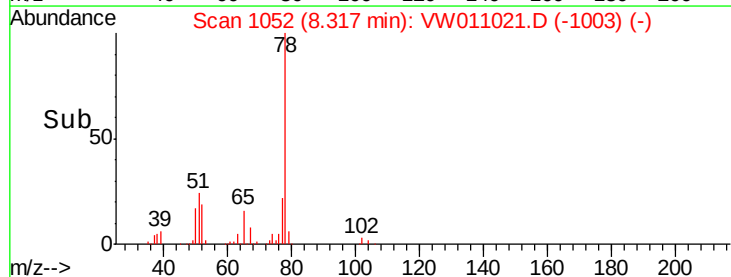
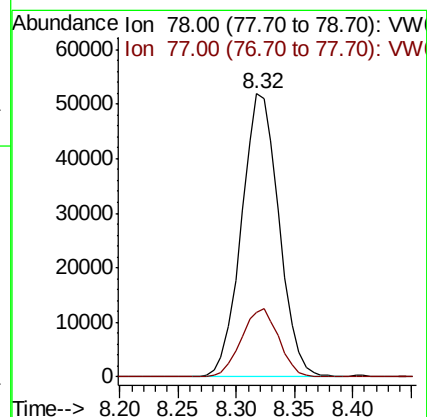
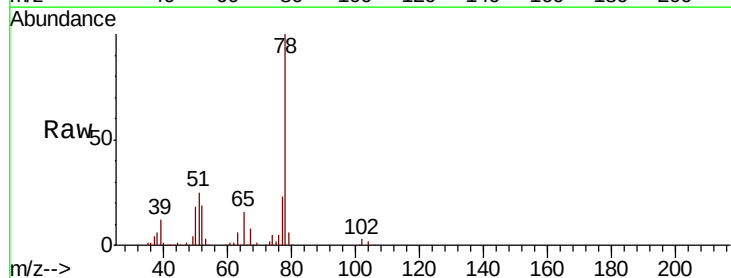
Instrument :
MSVOA_W
ClientSampleId :

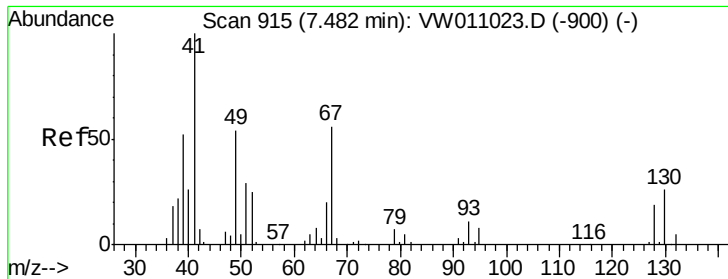
Tot Ion: 83 Resp: 50362
Ion Ratio Lower Upper
83 100
55 89.2 70.7 106.1
98 46.3 36.4 54.6



#40
Benzene
Concen: 11.190 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

Tgt Ion: 78 Resp: 116327
Ion Ratio Lower Upper
78 100
77 22.6 19.7 29.5

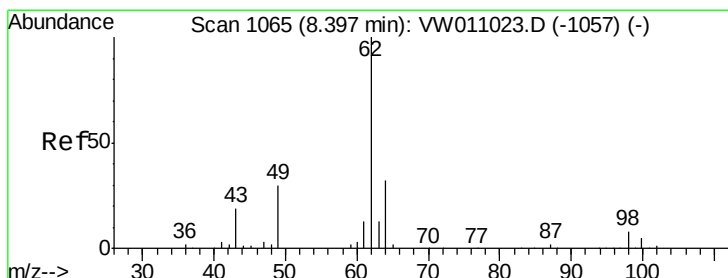
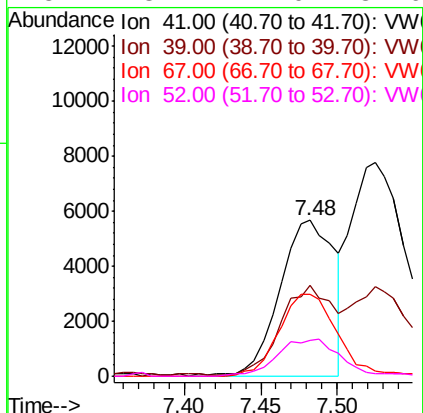
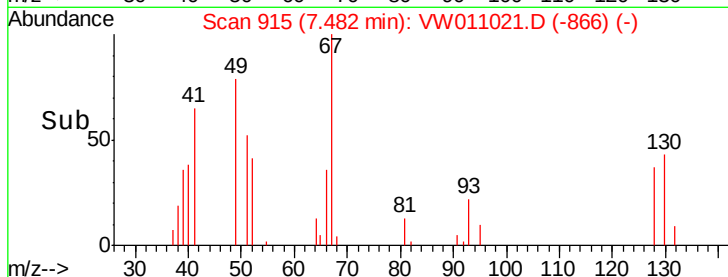
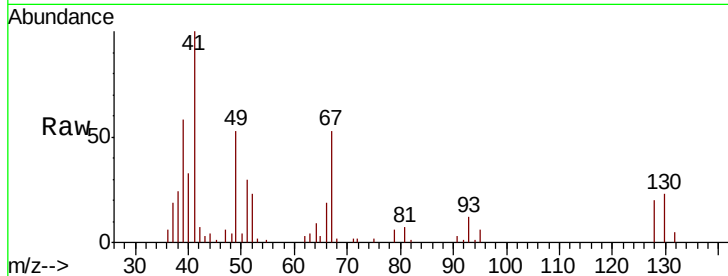




#41
Methacrylonitrile
Concen: 11.041 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

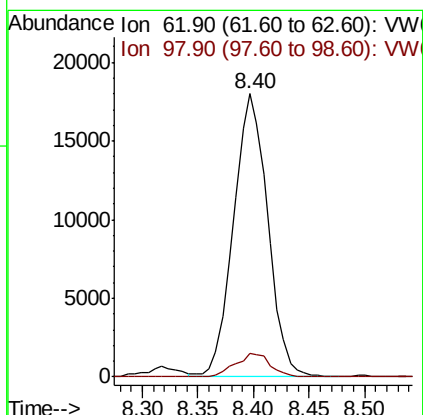
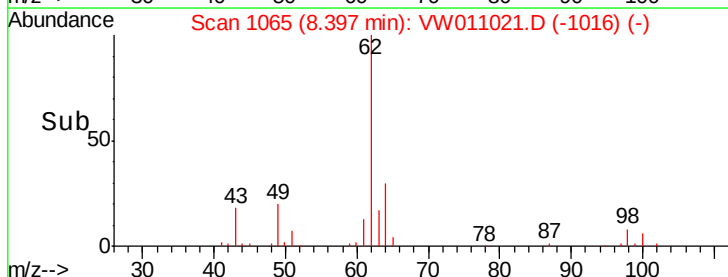
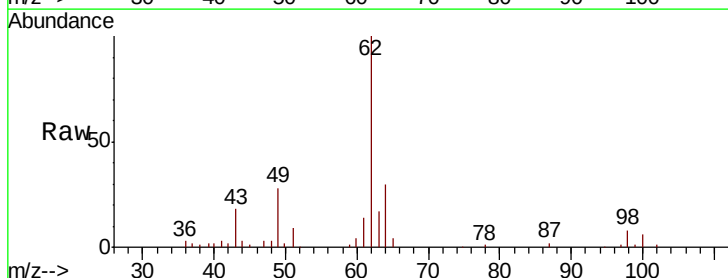
Instrument :
MSVOA_W
ClientSampled :

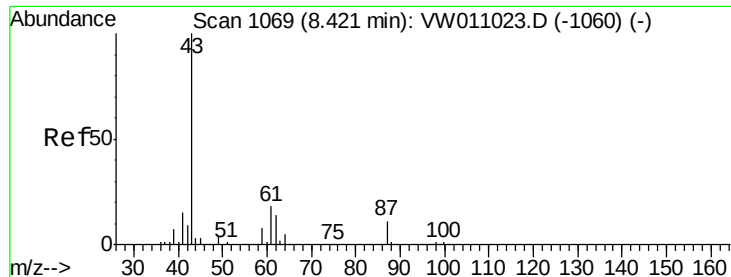
Tot Ion:	41	Resp:	14097
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.1	63.1
67	56.2	44.2	66.2
52	28.2	21.0	31.6



#42
1,2-Dichloroethane
Concen: 11.604 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

Tgt Ion:	62	Resp:	38426
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.8





#43

Isopropyl Acetate

Concen: 10.730 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

ClientSampled :

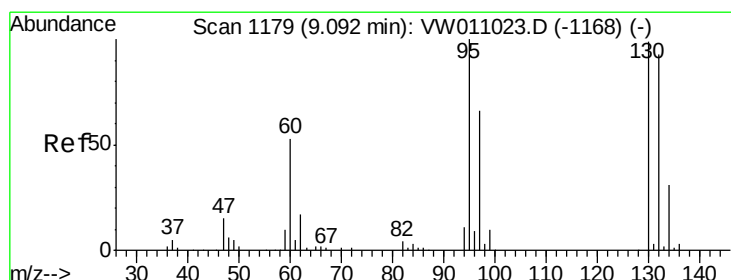
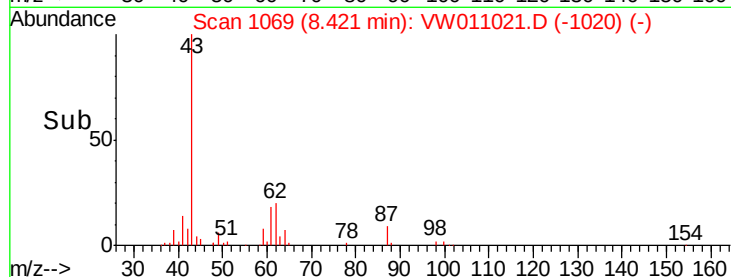
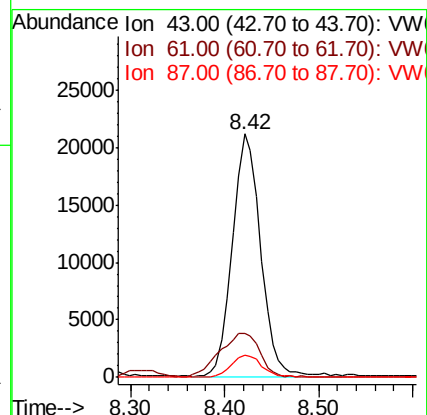
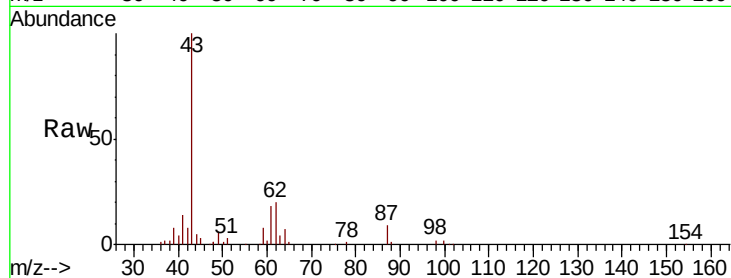
Tot Ion: 43 Resp: 44012

Ion Ratio Lower Upper

43 100

61 26.3 21.0 31.6

87 9.9 8.2 12.4



#44

Trichloroethene

Concen: 10.826 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW011021.D

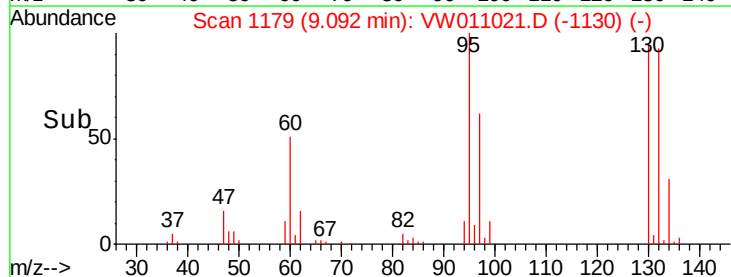
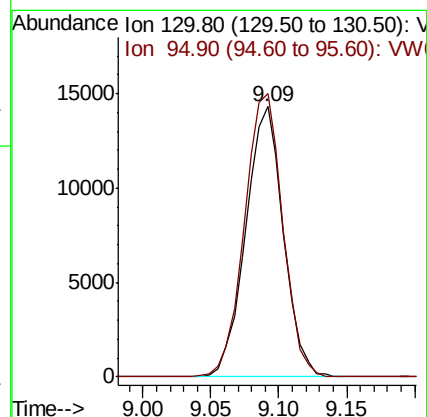
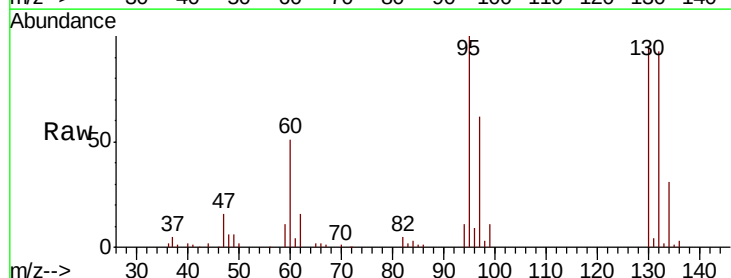
Acq: 27 Jun 2019 15:28

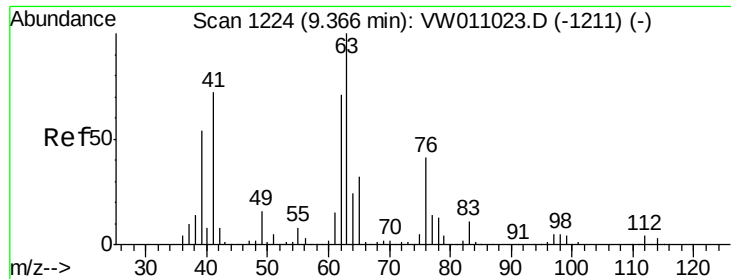
Tgt Ion: 130 Resp: 27657

Ion Ratio Lower Upper

130 100

95 104.8 0.0 202.0

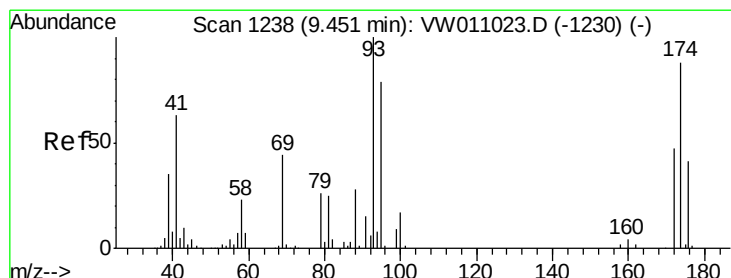
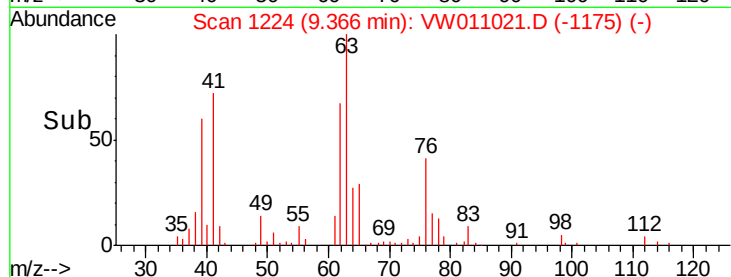
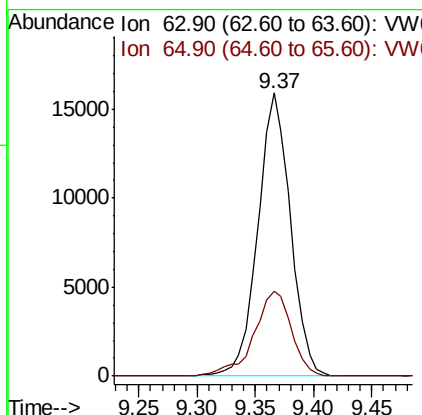
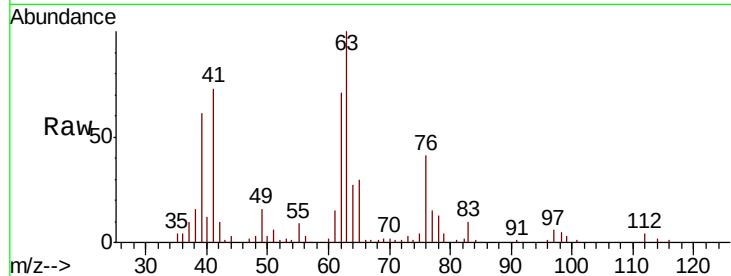




#45
 1,2-Dichloropropane
 Concen: 11.222 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW011021.D
 Acq: 27 Jun 2019 15:28

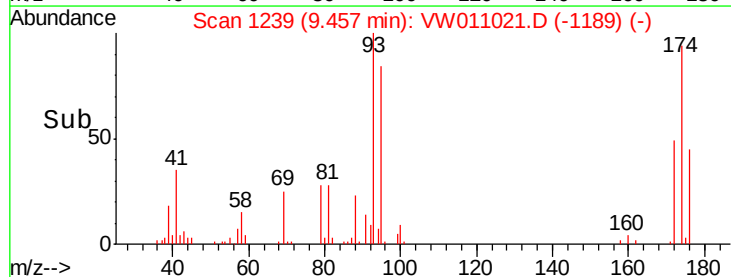
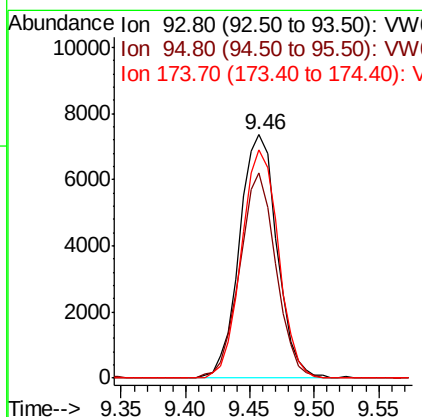
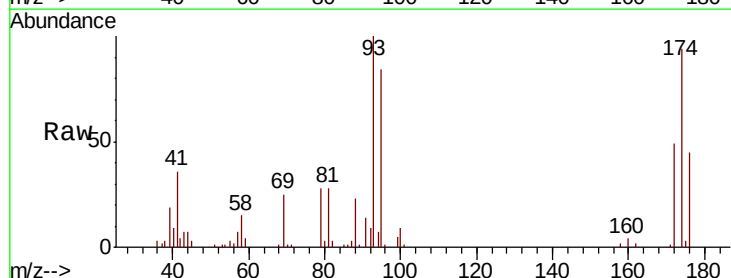
Instrument :
 MSVOA_W
 ClientSampleId :

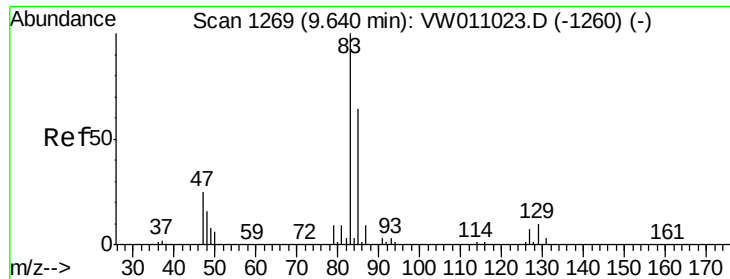
Tot Ion: 63 Resp: 30953
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.6 38.4



#46
 Dibromomethane
 Concen: 11.544 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: VW011021.D
 Acq: 27 Jun 2019 15:28

Tgt Ion: 93 Resp: 14824
 Ion Ratio Lower Upper
 93 100
 95 81.1 65.8 98.6
 174 92.3 75.4 113.0





#47

Bromodichloromethane

Concen: 10.649 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

ClientSampled :

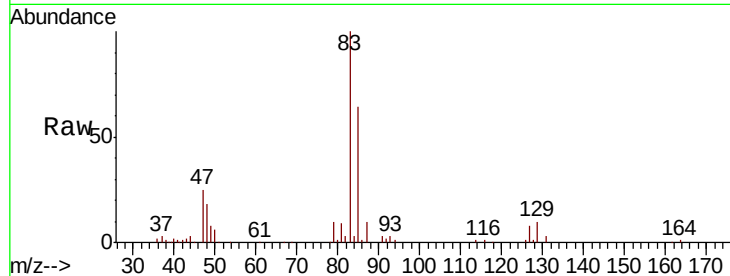
Tot Ion: 83 Resp: 35137

Ion Ratio Lower Upper

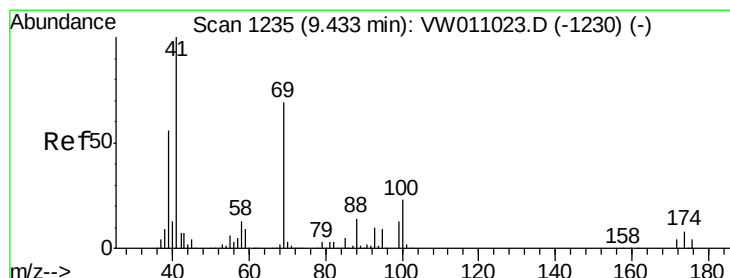
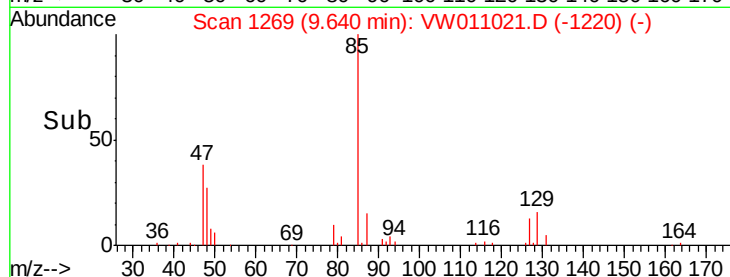
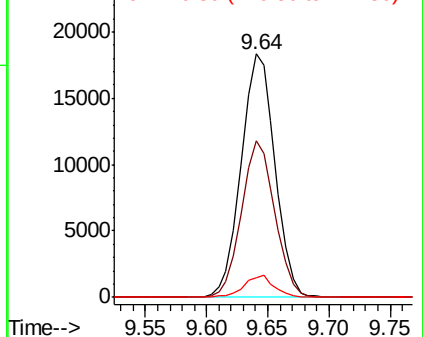
83 100

85 64.3 51.0 76.4

127 8.3 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): V



#48

Methyl methacrylate

Concen: 10.525 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

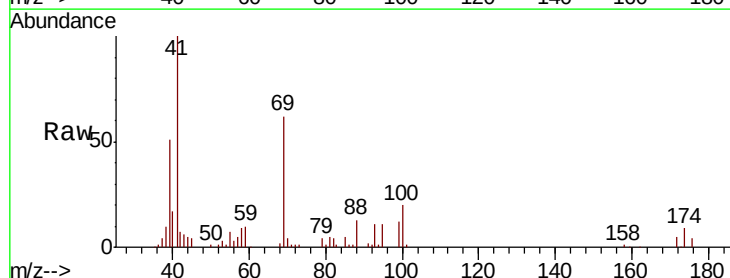
Tgt Ion: 41 Resp: 20819

Ion Ratio Lower Upper

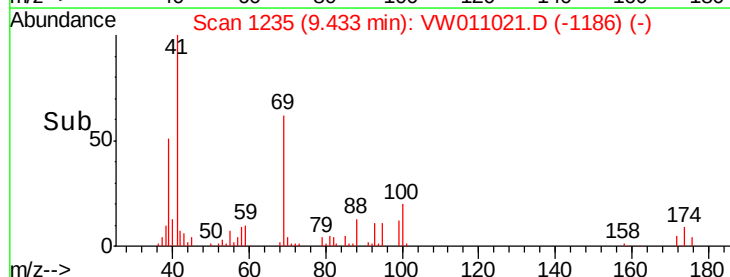
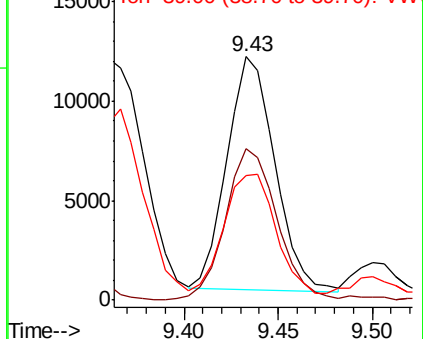
41 100

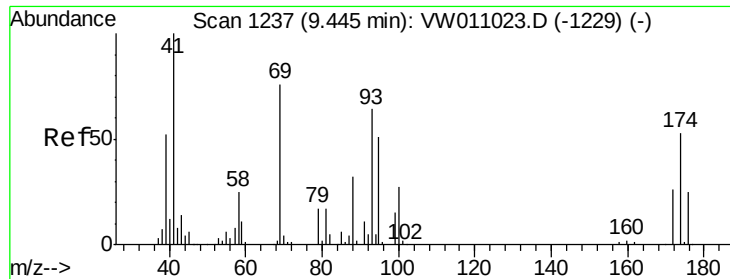
69 70.7 56.7 85.1

39 59.9 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

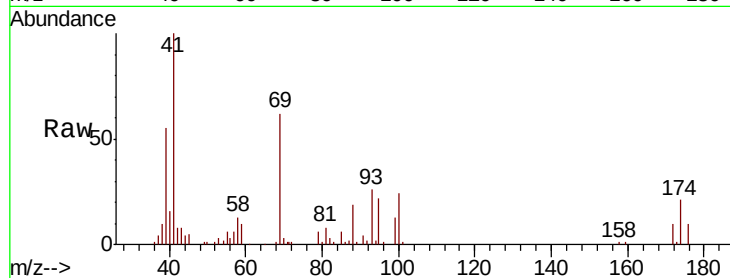




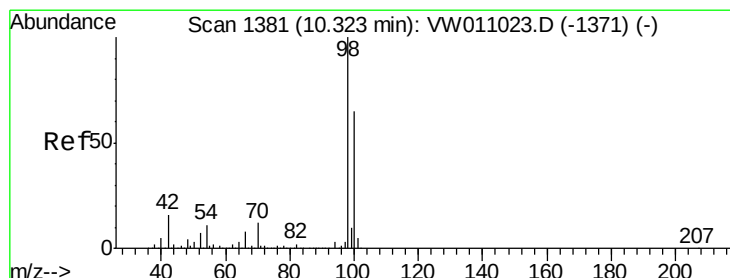
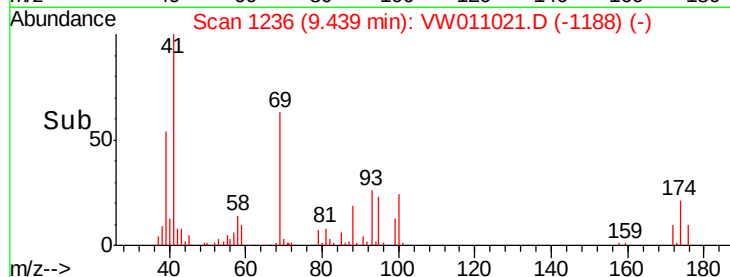
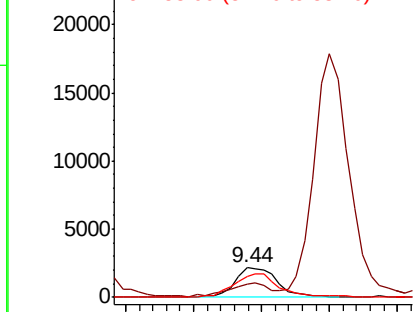
#49
1,4-Dioxane
Concen: 228.086 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 4719
Ion Ratio Lower Upper
88 100
43 41.4 34.4 51.6
58 83.7 65.2 97.8

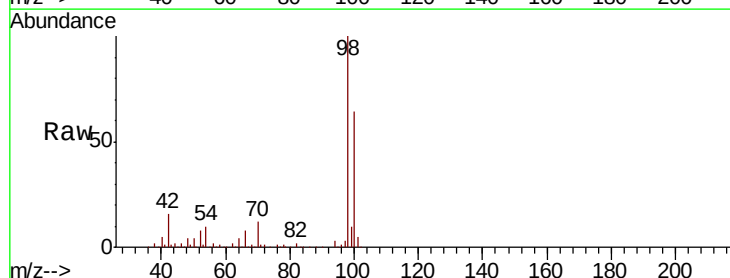


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

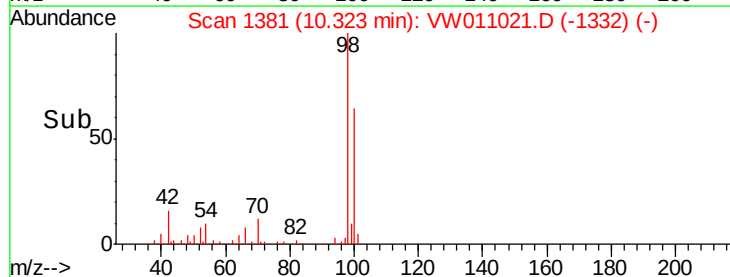
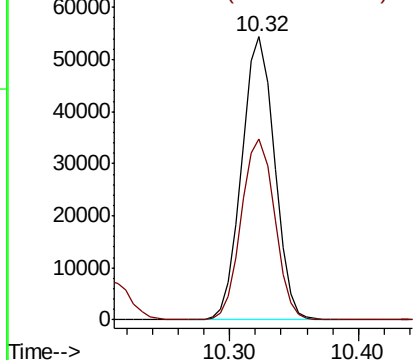


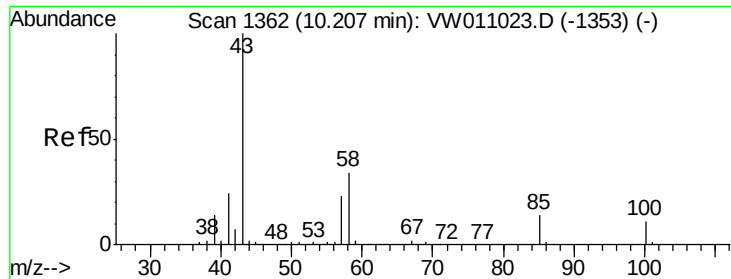
#50
Toluene-d8
Concen: 10.545 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

Tgt Ion: 98 Resp: 95994
Ion Ratio Lower Upper
98 100
100 65.1 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: 54.459 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

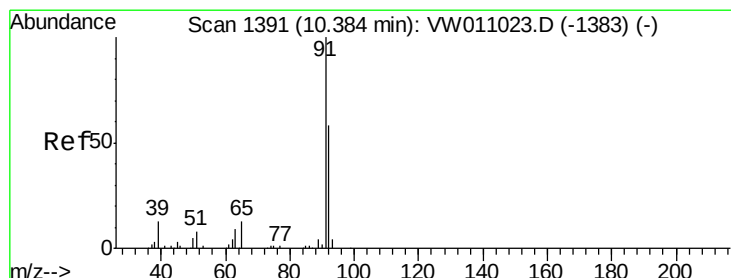
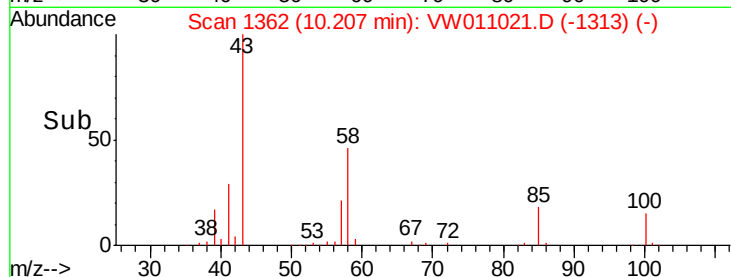
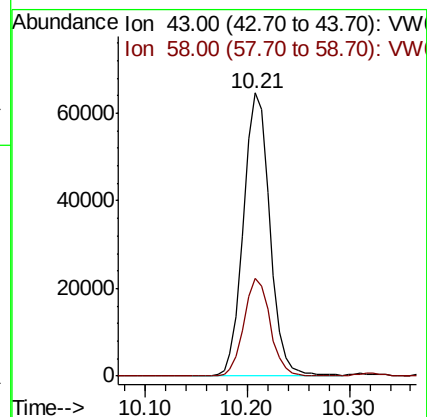
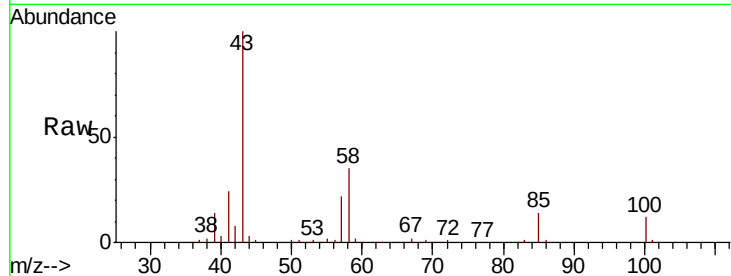
ClientSampleId :

Tot Ion: 43 Resp: 114994

Ion Ratio Lower Upper

43 100

58 34.7 27.8 41.6



#52

Toluene

Concen: 10.924 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011021.D

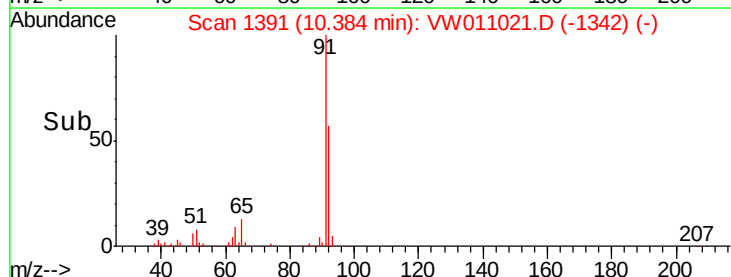
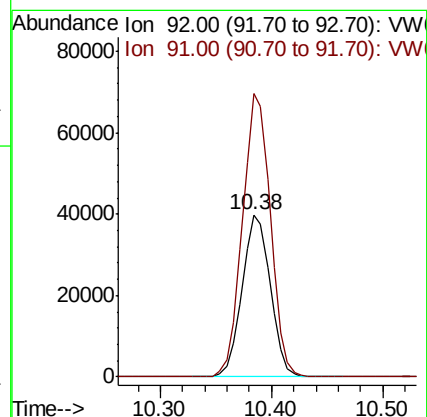
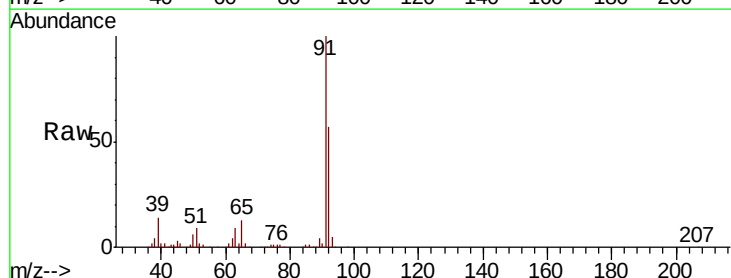
Acq: 27 Jun 2019 15:28

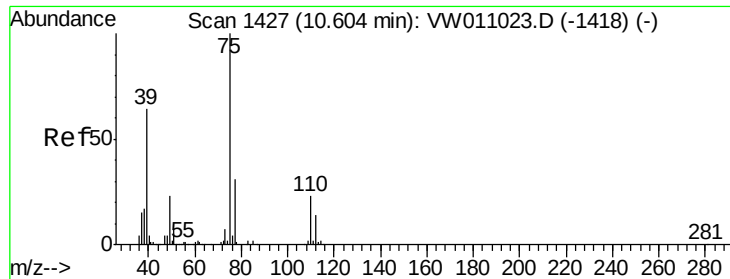
Tgt Ion: 92 Resp: 69779

Ion Ratio Lower Upper

92 100

91 173.6 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 9.970 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

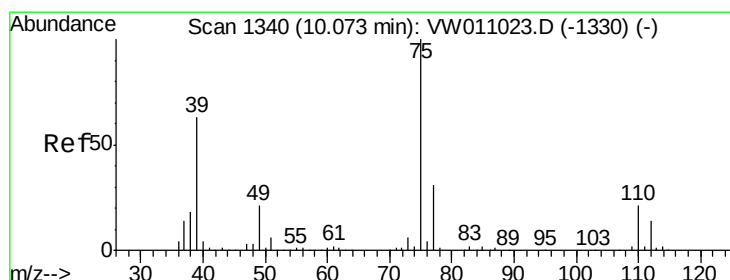
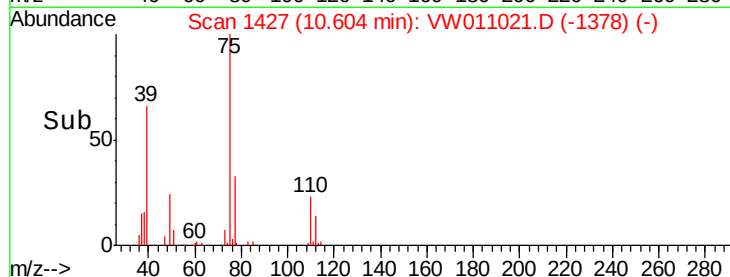
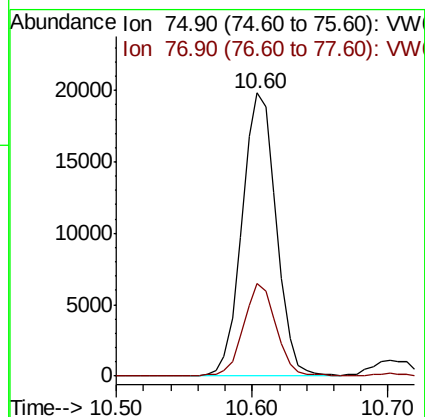
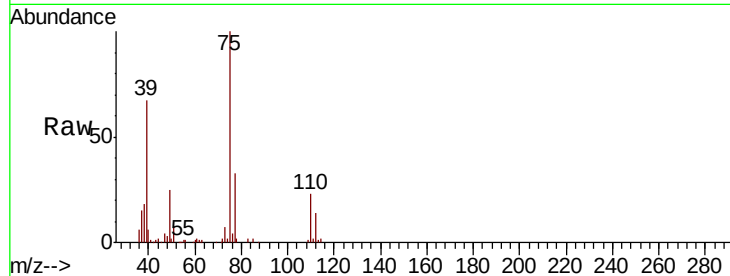
ClientSampleId :

Tot Ion: 75 Resp: 34817

Ion Ratio Lower Upper

75 100

77 32.8 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 10.382 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

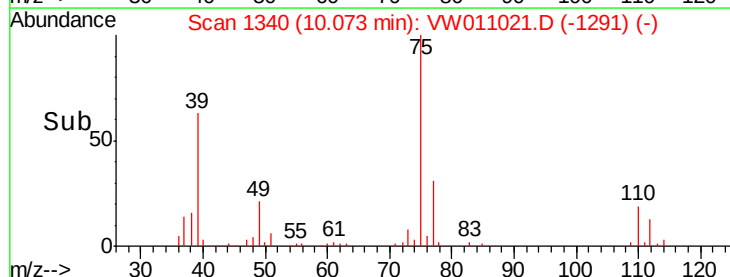
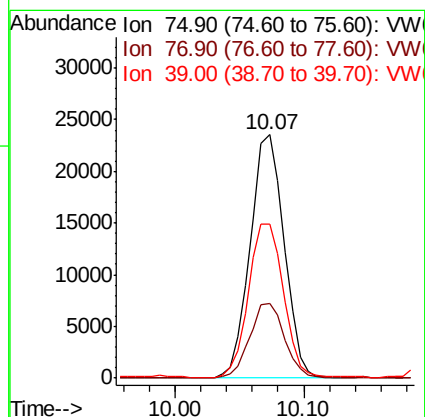
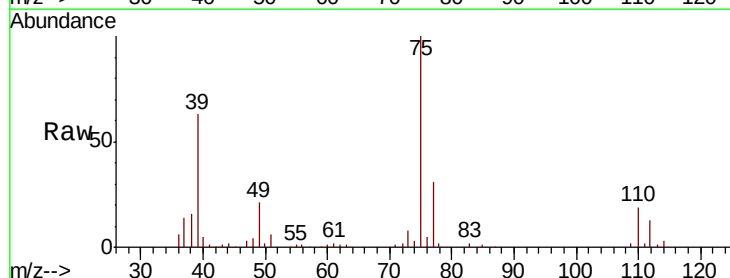
Tgt Ion: 75 Resp: 42775

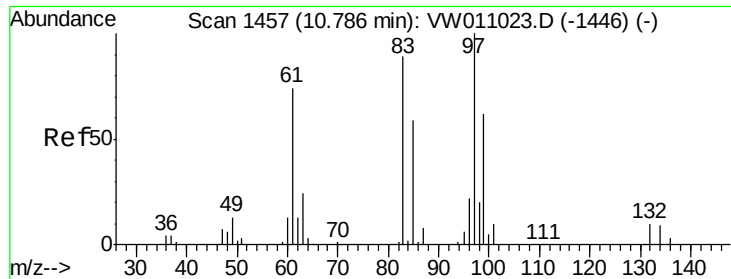
Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2

39 63.3 50.0 75.0





#55

1,1,2-Trichloroethane

Concen: 11.342 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 20951

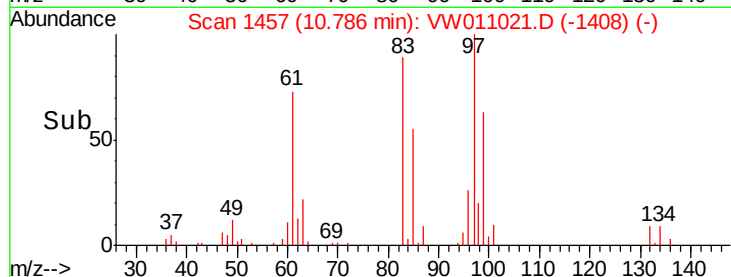
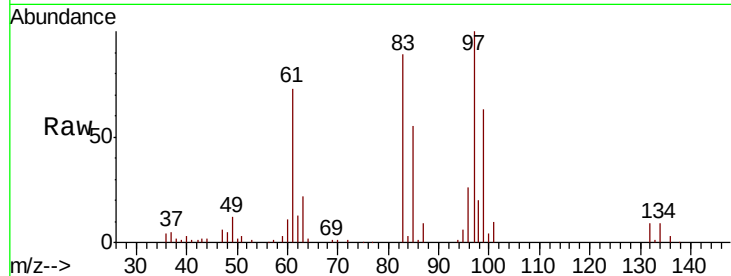
Ion	Ratio	Lower	Upper
97	100		
83	88.6	70.9	106.3
85	55.0	47.2	70.8
99	62.8	50.0	75.0

97 100

83 88.6 70.9 106.3

85 55.0 47.2 70.8

99 62.8 50.0 75.0

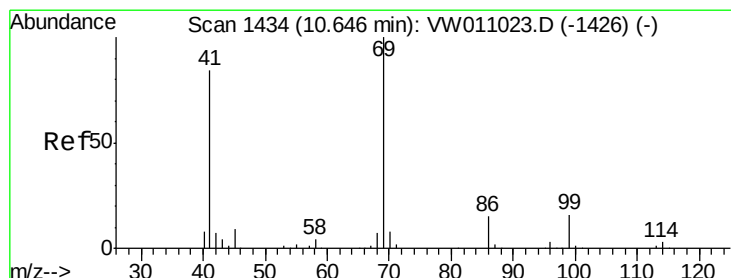
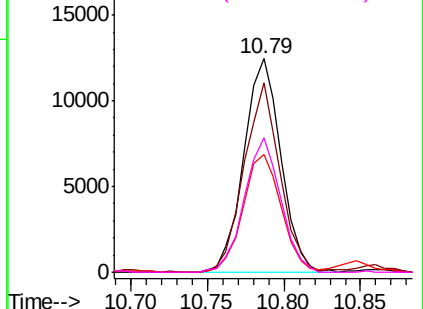


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 10.264 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

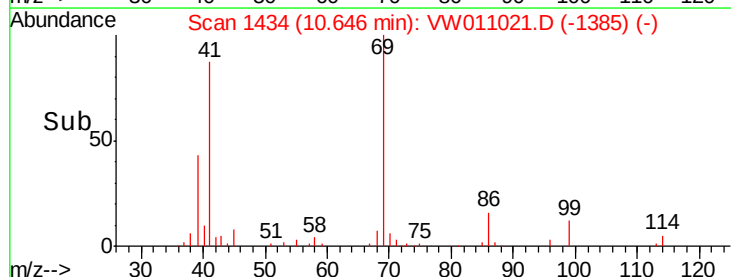
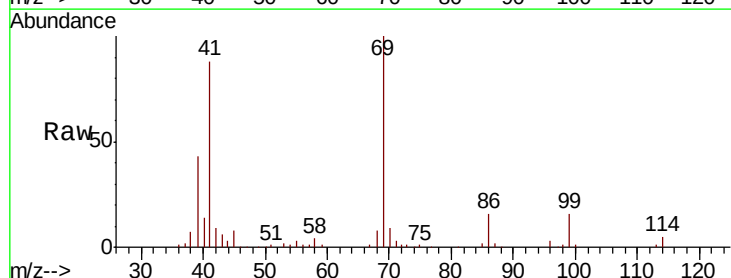
Tgt Ion: 69 Resp: 29044

Ion	Ratio	Lower	Upper
69	100		
41	83.9	67.9	101.9
39	39.6	33.2	49.8

69 100

41 83.9 67.9 101.9

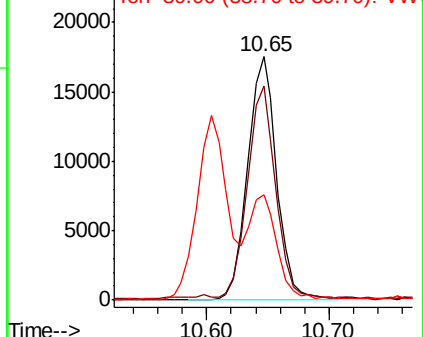
39 39.6 33.2 49.8

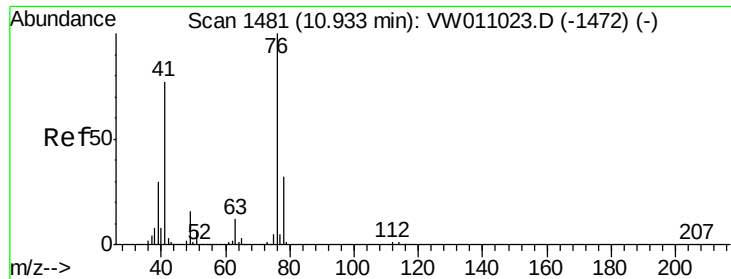


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

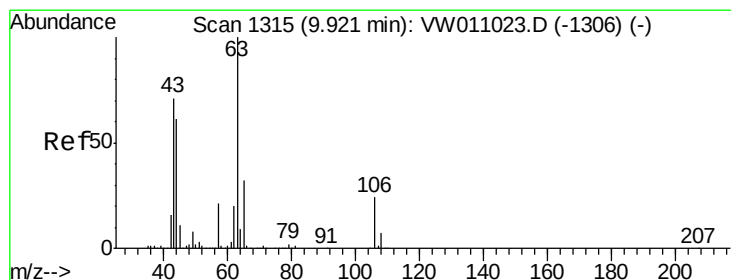
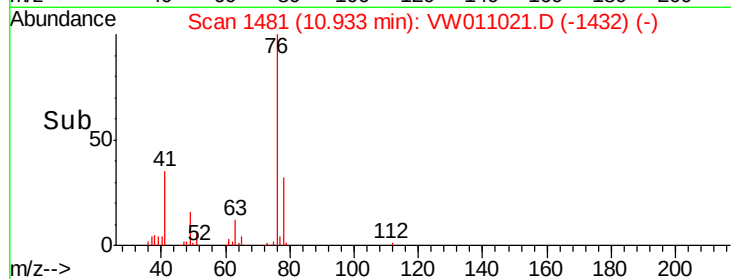
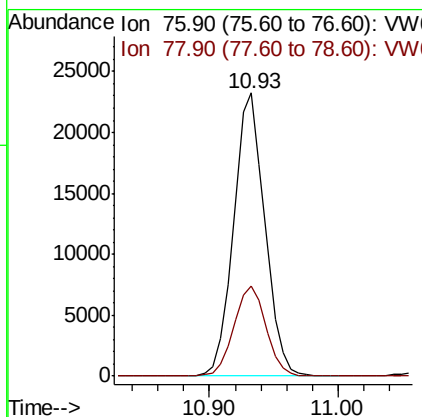
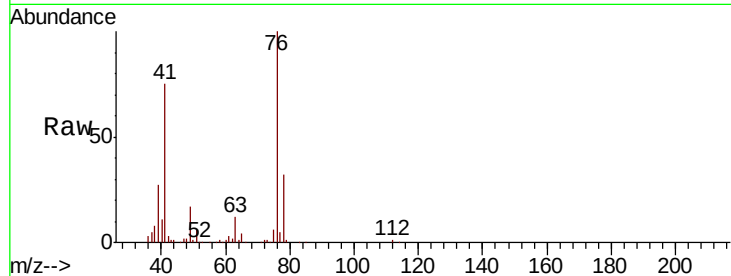




#57
 1,3-Dichloropropane
 Concen: 11.207 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011021.D
 Acq: 27 Jun 2019 15:28

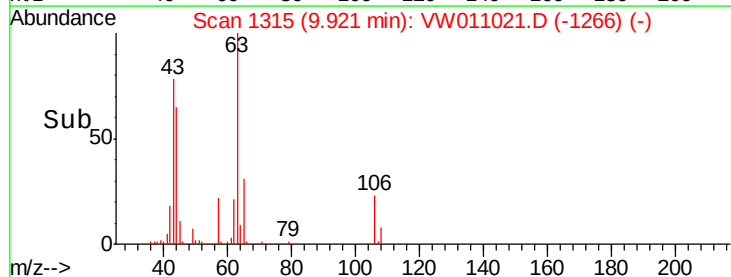
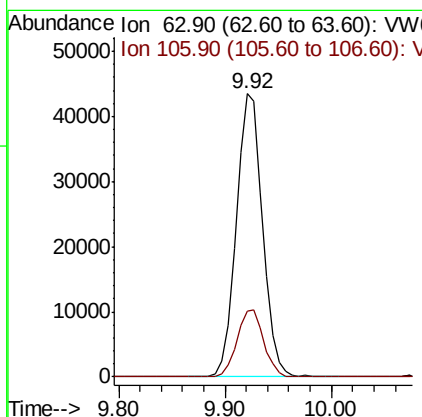
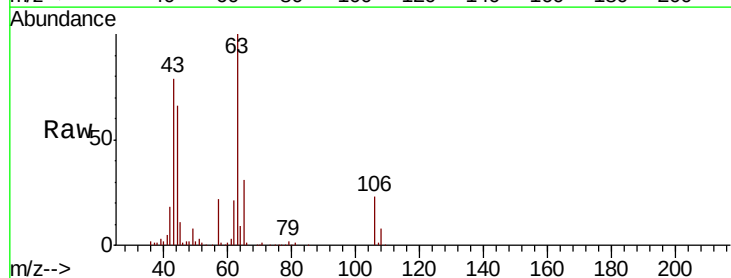
Instrument :
 MSVOA_W
 ClientSampled :

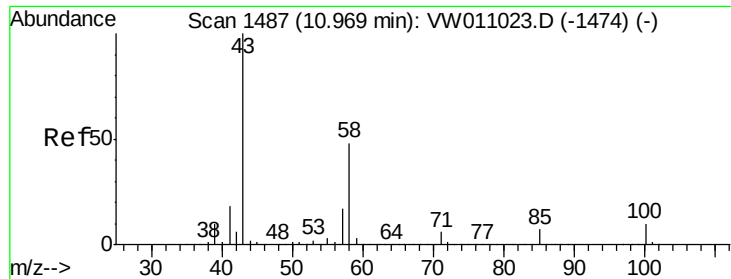
Tot Ion: 76 Resp: 38992
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 51.074 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011021.D
 Acq: 27 Jun 2019 15:28

Tgt Ion: 63 Resp: 75278
 Ion Ratio Lower Upper
 63 100
 106 23.9 19.4 29.0





#59

2-Hexanone

Concen: 51.385 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

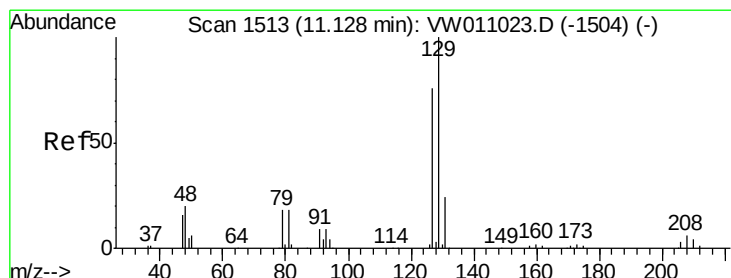
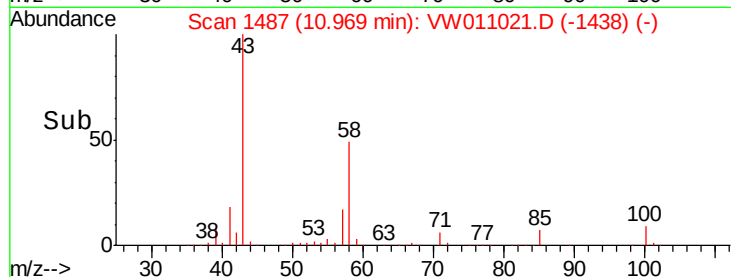
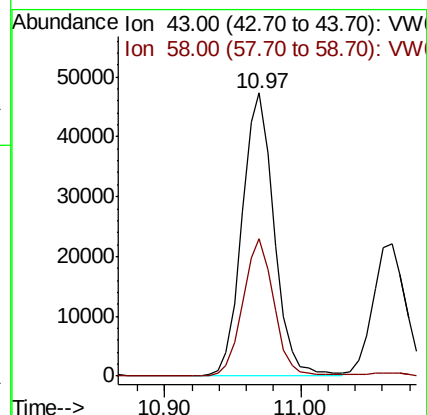
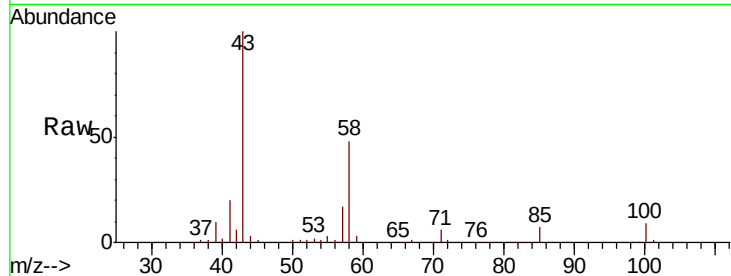
ClientSampleId :

Tot Ion: 43 Resp: 77998

Ion Ratio Lower Upper

43 100

58 47.2 23.8 71.5



#60

Dibromochloromethane

Concen: 9.944 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW011021.D

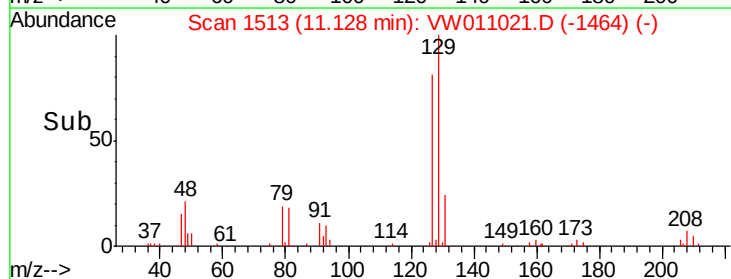
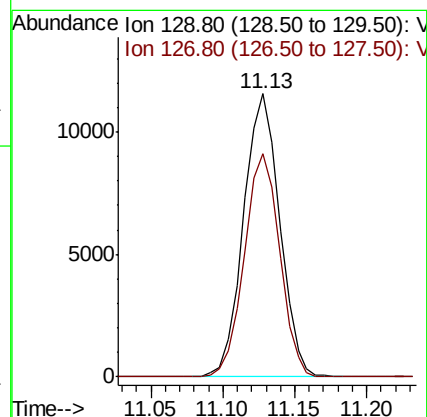
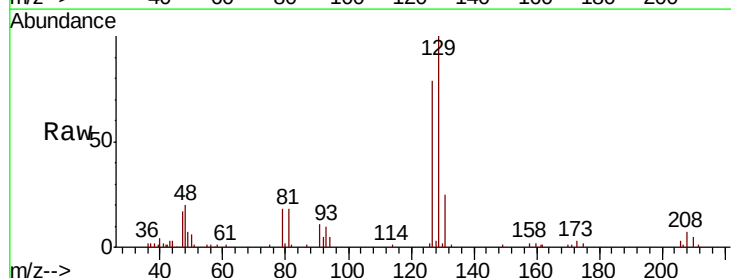
Acq: 27 Jun 2019 15:28

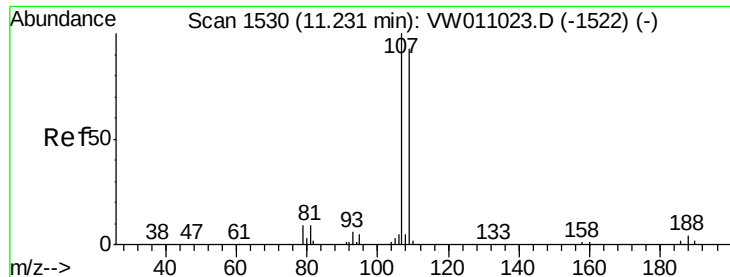
Tgt Ion: 129 Resp: 20118

Ion Ratio Lower Upper

129 100

127 76.8 39.4 118.1

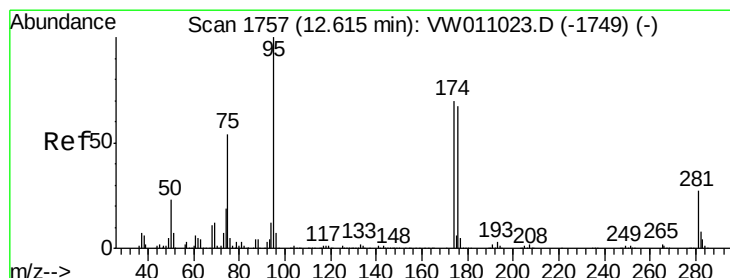
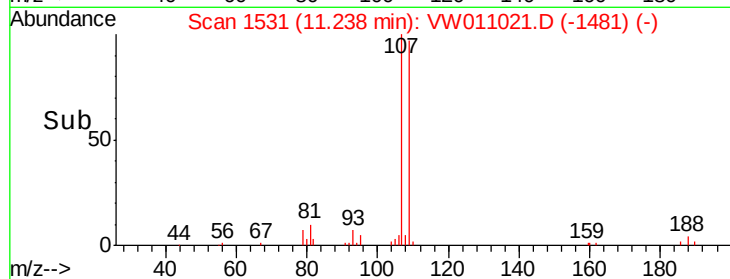
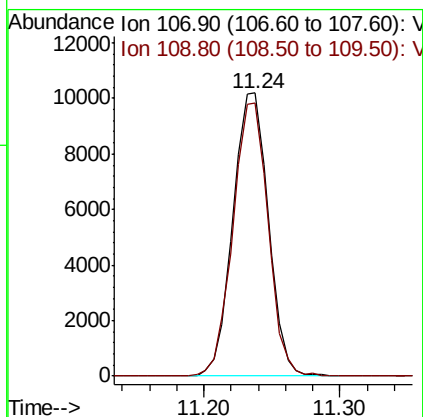
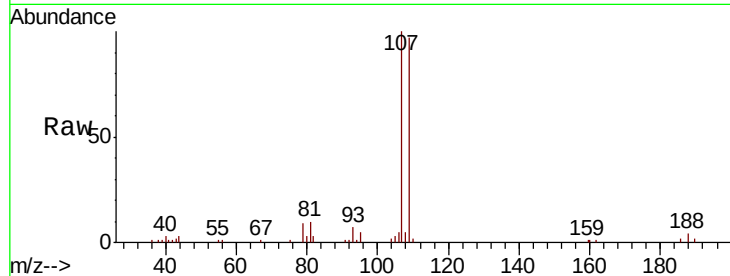




#61
 1,2-Dibromoethane
 Concen: 10.638 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW011021.D
 Acq: 27 Jun 2019 15:28

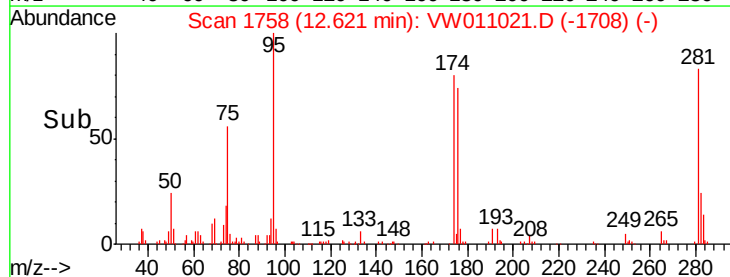
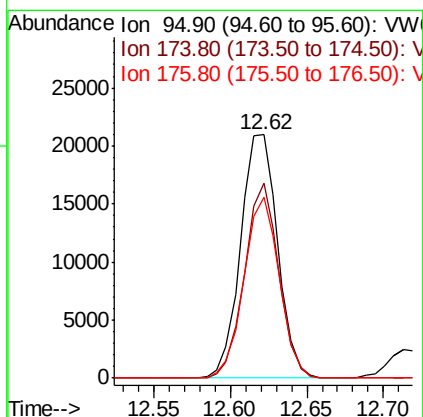
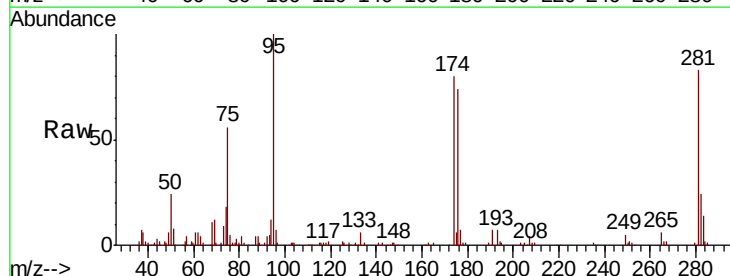
Instrument :
 MSVOA_W
 ClientSampleId :

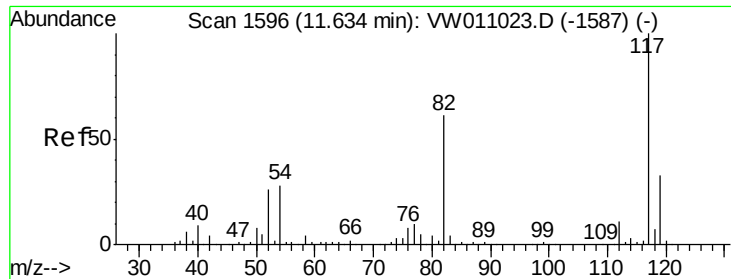
Tot Ion: 107 Resp: 18550
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 10.636 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VW011021.D
 Acq: 27 Jun 2019 15:28

Tgt Ion: 95 Resp: 35231
 Ion Ratio Lower Upper
 95 100
 174 74.0 0.0 149.2
 176 71.0 0.0 143.6

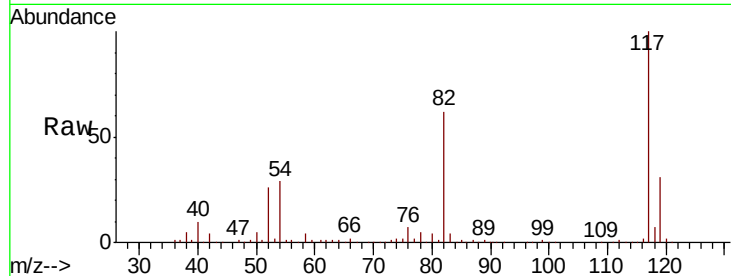




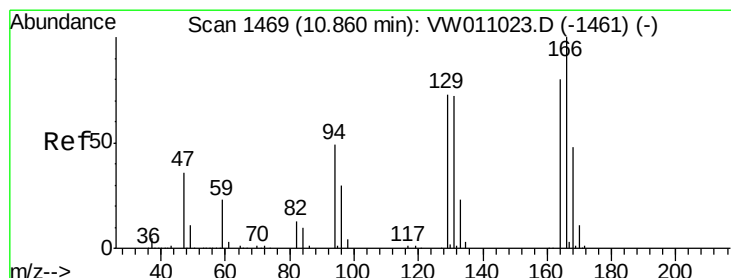
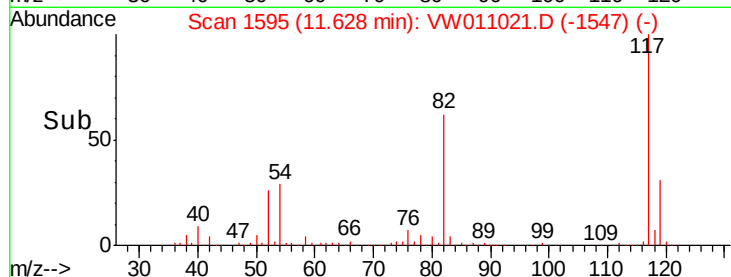
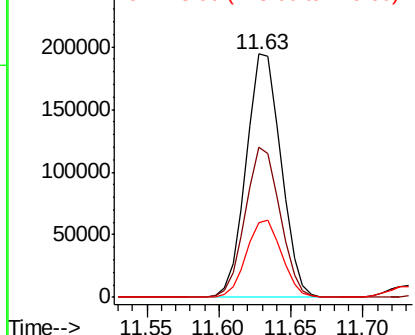
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 325900
Ion Ratio Lower Upper
117 100
82 61.7 48.6 73.0
119 30.8 26.1 39.1

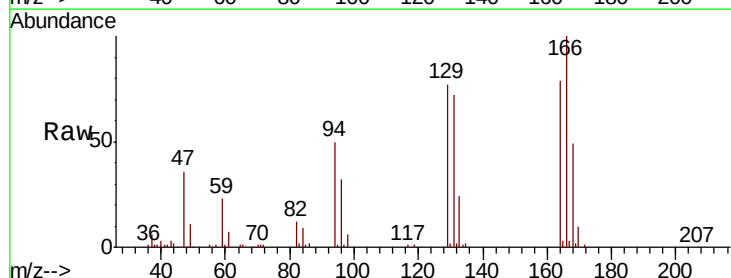


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

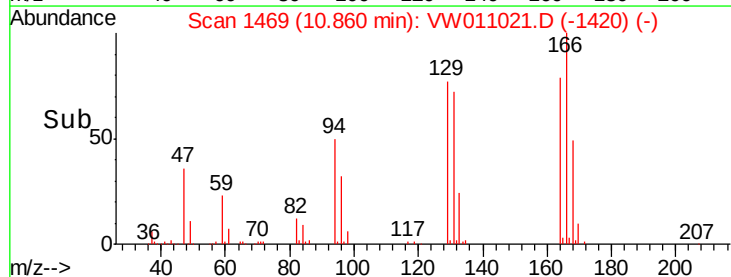
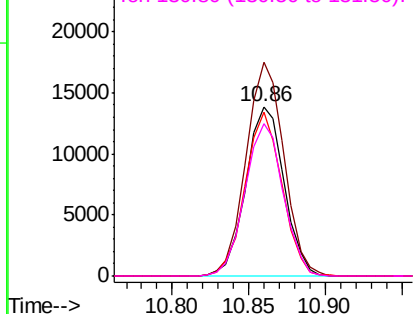


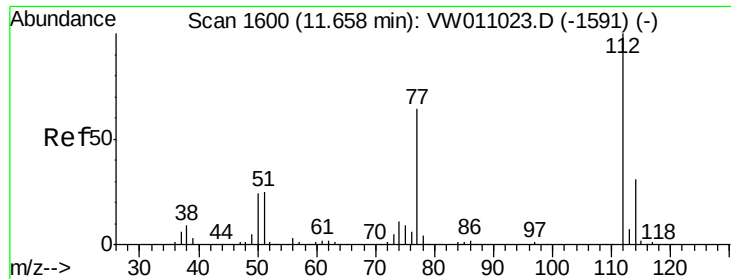
#64
Tetrachloroethene
Concen: 11.095 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

Tgt Ion:164 Resp: 24138
Ion Ratio Lower Upper
164 100
166 126.2 99.8 149.6
129 97.0 73.0 109.4
131 90.3 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

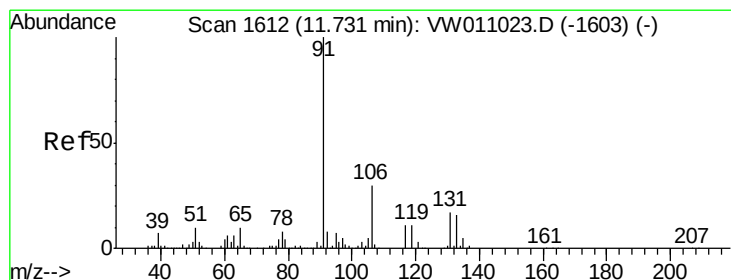
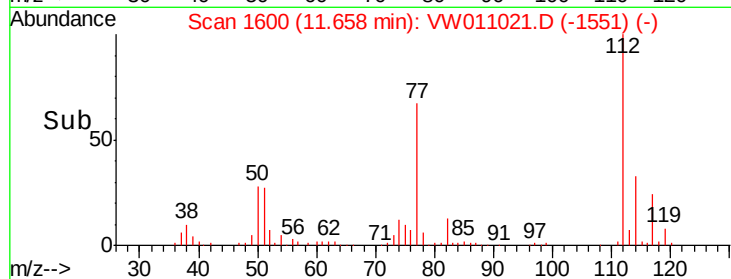
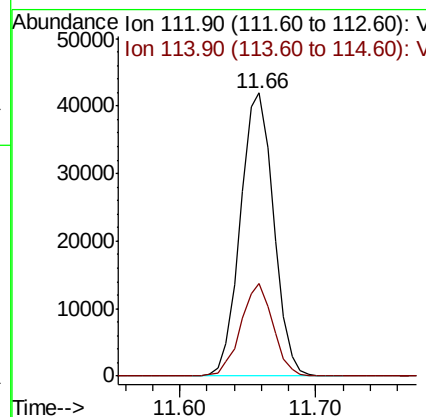
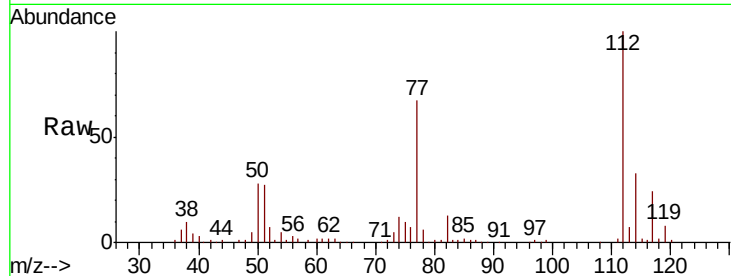




#65
Chlorobenzene
Concen: 11.089 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

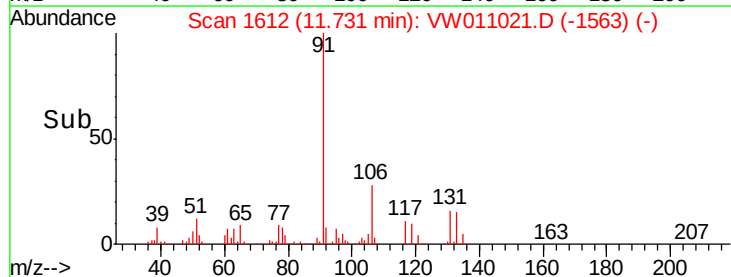
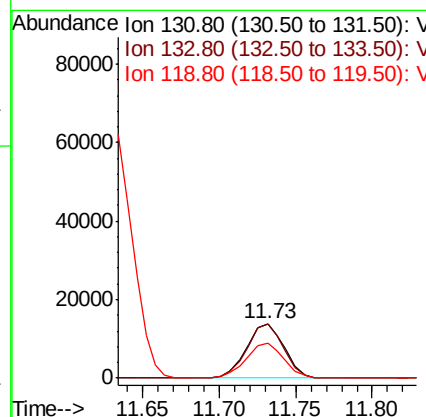
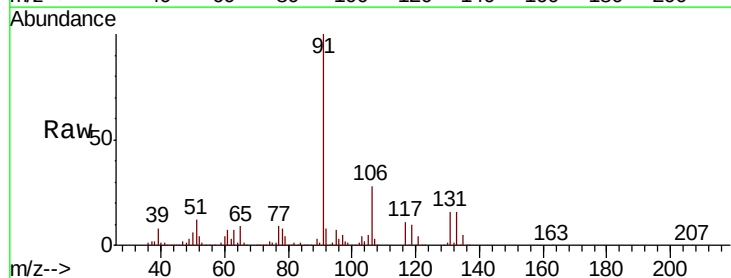
Instrument :
MSVOA_W
ClientSampleId :

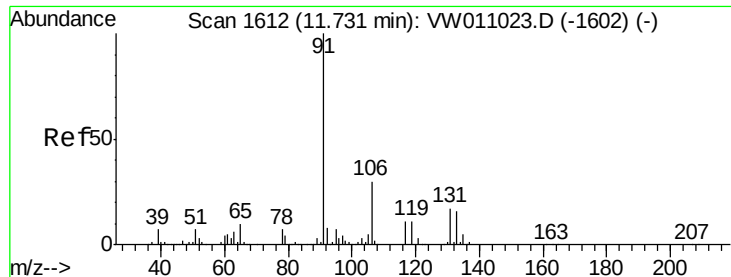
Tot Ion:112 Resp: 71603
Ion Ratio Lower Upper
112 100
114 32.7 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 10.581 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

Tgt Ion:131 Resp: 23514
Ion Ratio Lower Upper
131 100
133 97.8 47.7 143.1
119 64.8 33.1 99.2





#67

Ethyl Benzene

Concen: 10.870 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

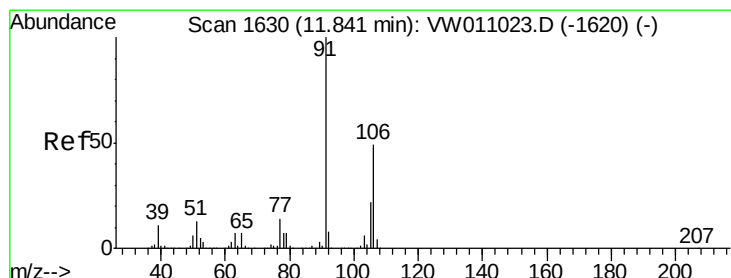
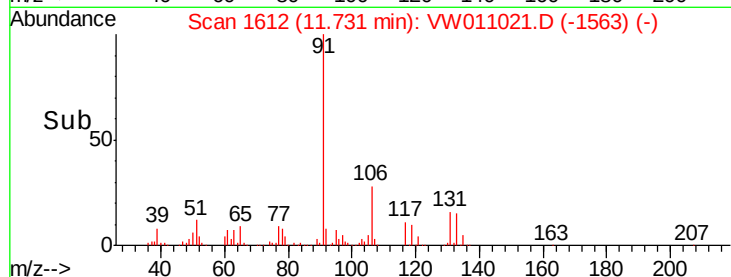
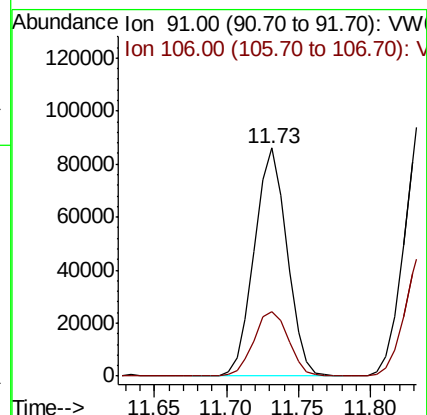
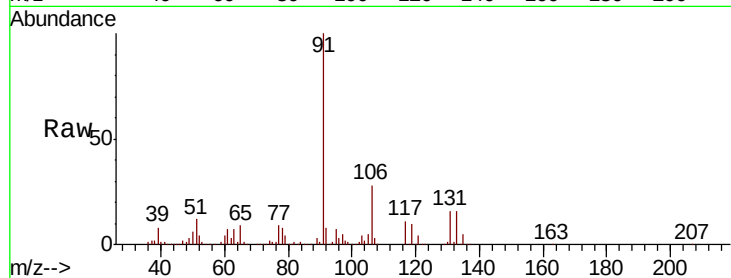
ClientSampled :

Tot Ion: 91 Resp: 134905

Ion Ratio Lower Upper

91 100

106 28.5 23.8 35.6



#68

m/p-Xylenes

Concen: 21.992 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW011021.D

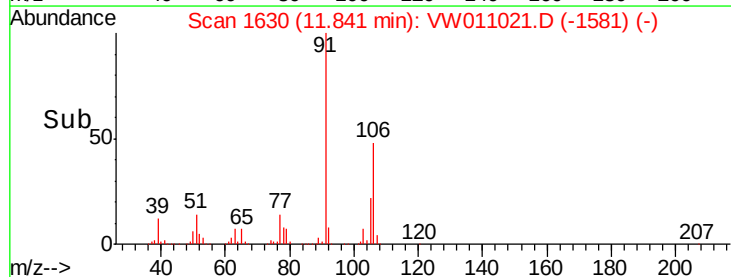
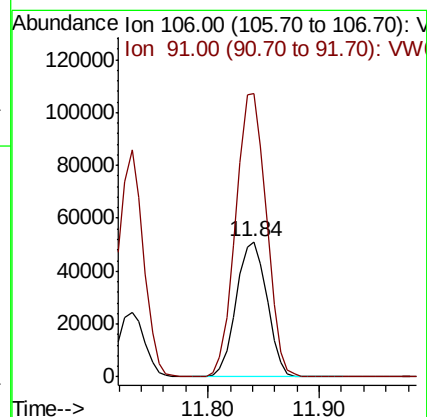
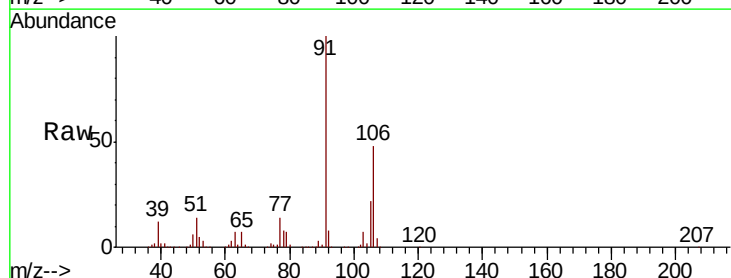
Acq: 27 Jun 2019 15:28

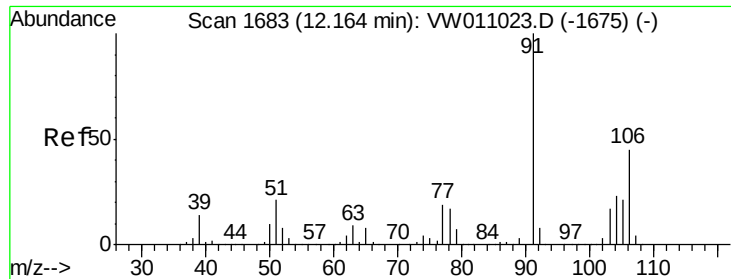
Tgt Ion: 106 Resp: 98018

Ion Ratio Lower Upper

106 100

91 209.4 167.5 251.3

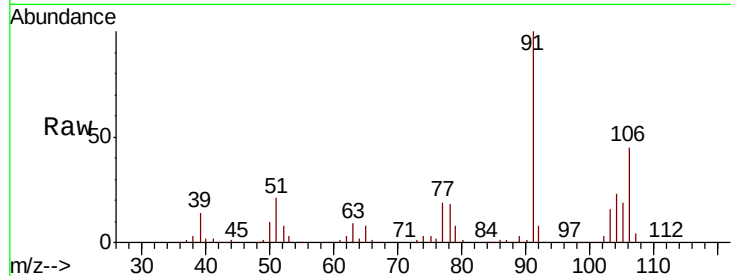




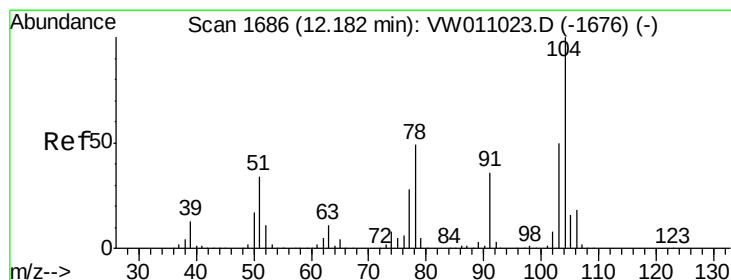
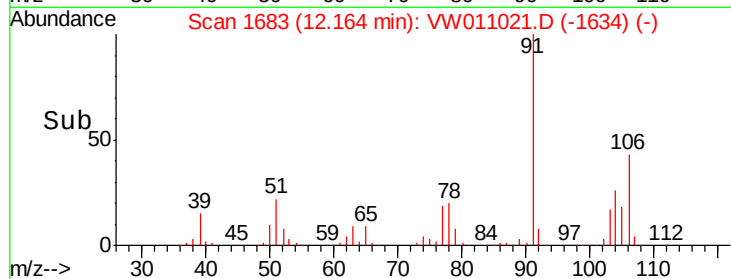
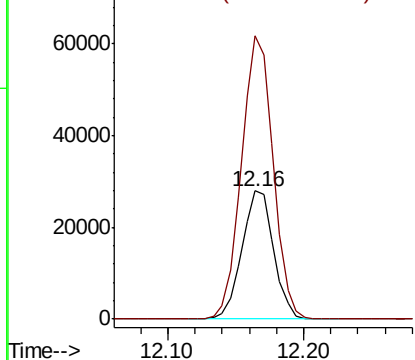
#69
o-Xylene
Concen: 10.792 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:106 Resp: 45488
Ion Ratio Lower Upper
106 100
91 221.2 110.8 332.3

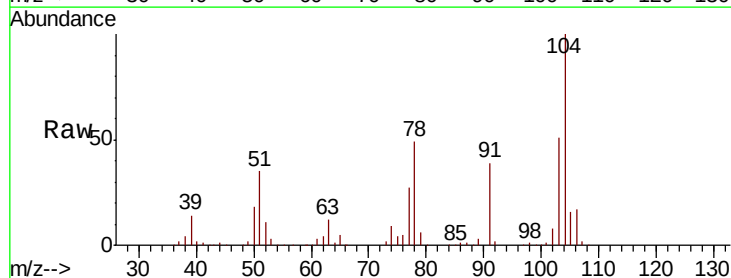


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

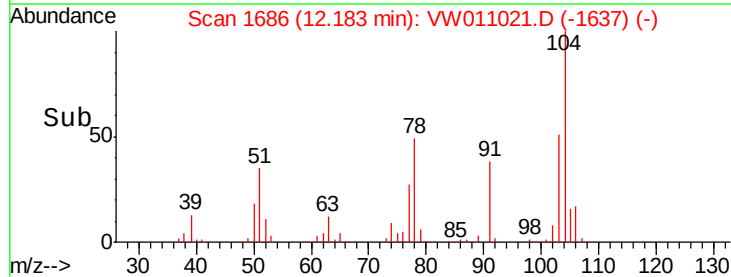
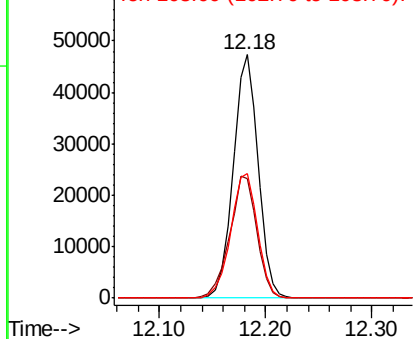


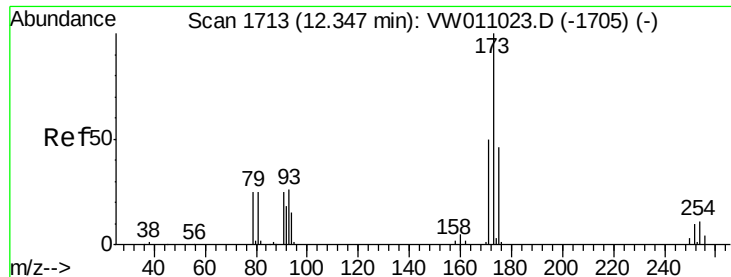
#70
Styrene
Concen: 10.583 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

Tgt Ion:104 Resp: 77543
Ion Ratio Lower Upper
104 100
78 54.8 43.7 65.5
103 55.4 43.9 65.9



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





#71

Bromoform

Concen: 9.204 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

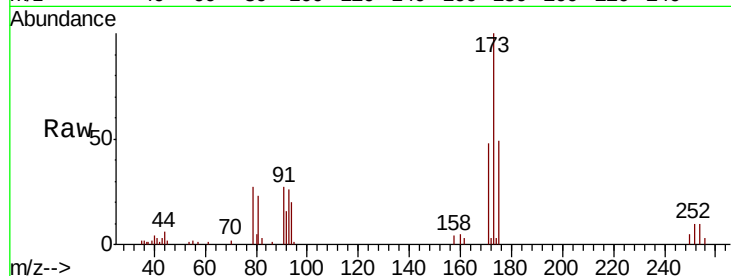
Tot Ion:173 Resp: 10539

Ion Ratio Lower Upper

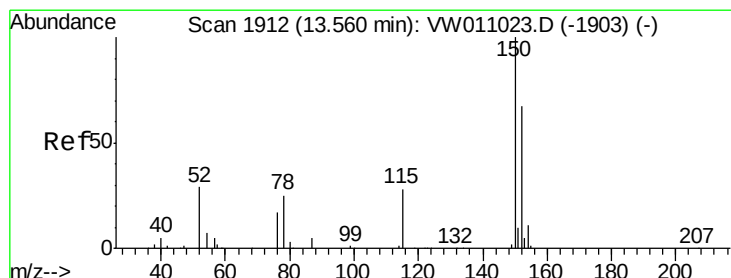
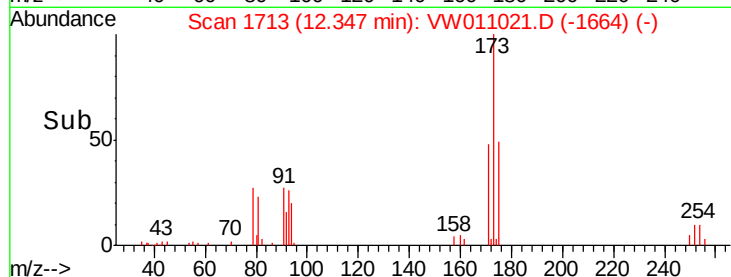
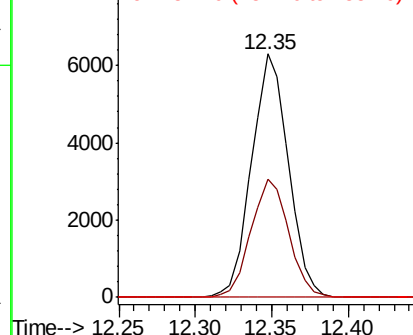
173 100

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: VW011021.D

Acq: 27 Jun 2019 15:28

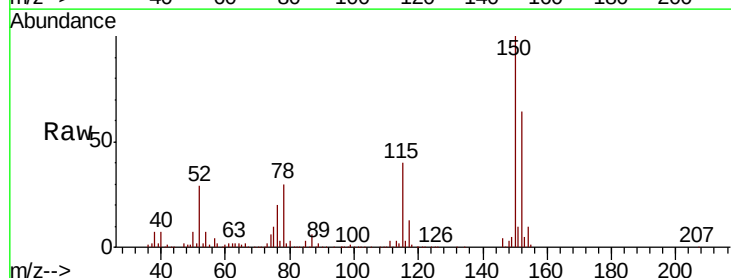
Tgt Ion:152 Resp: 157928

Ion Ratio Lower Upper

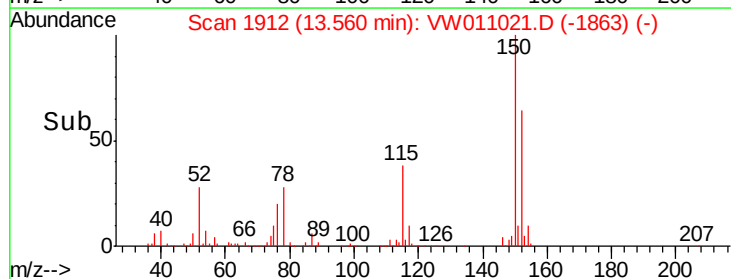
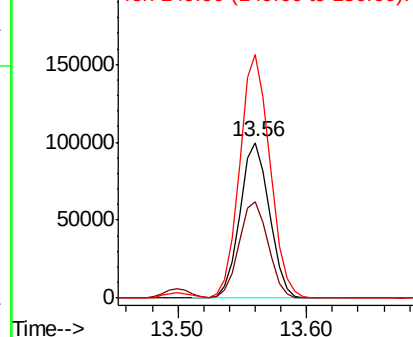
152 100

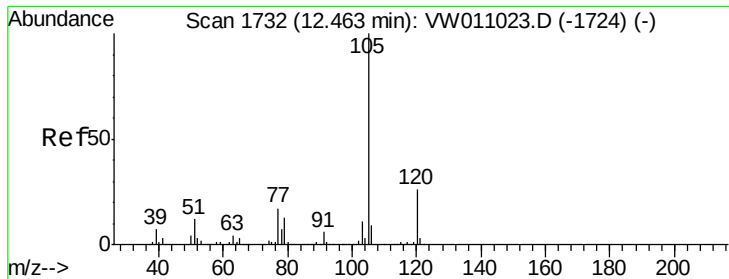
115 61.8 30.7 92.1

150 160.7 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: 10.629 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

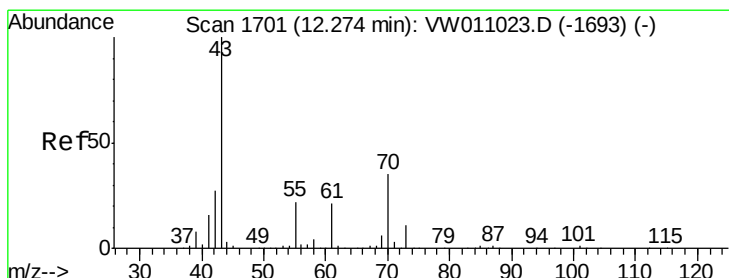
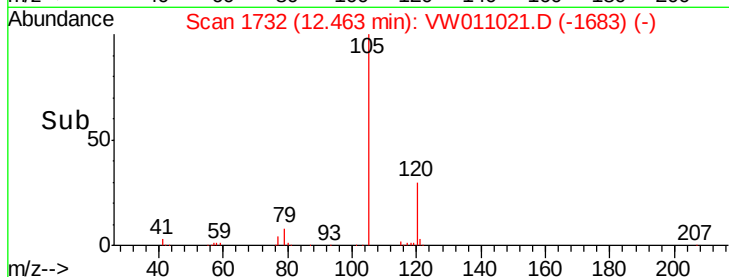
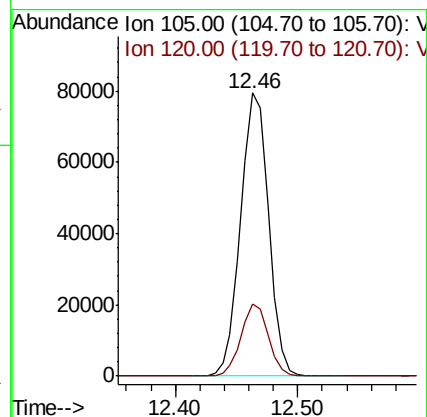
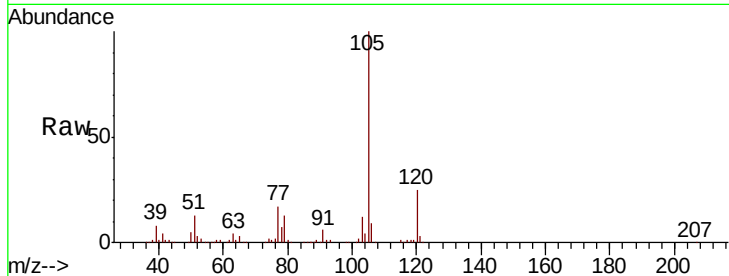
ClientSampleId :

Tot Ion:105 Resp: 125726

Ion Ratio Lower Upper

105 100

120 24.9 12.9 38.6



#74

N-ethyl acetate

Concen: 9.797 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Tgt Ion: 43 Resp: 38014

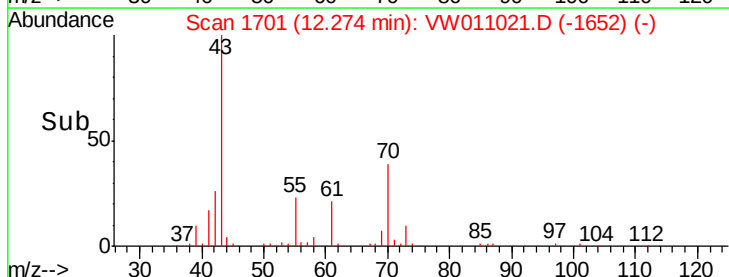
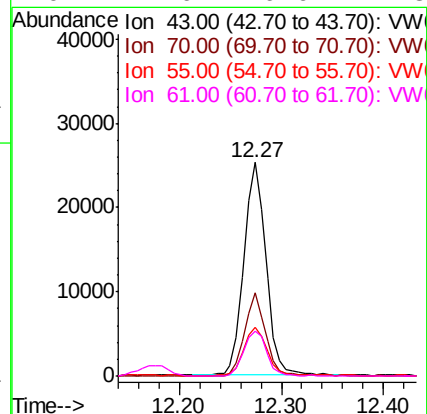
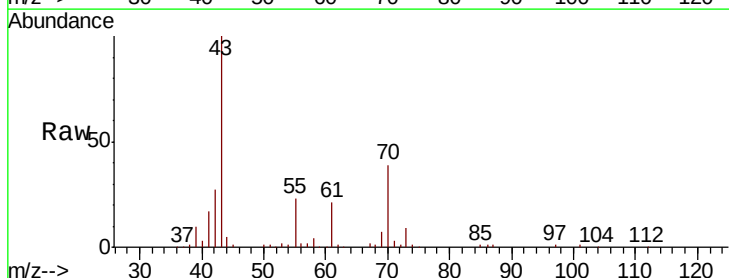
Ion Ratio Lower Upper

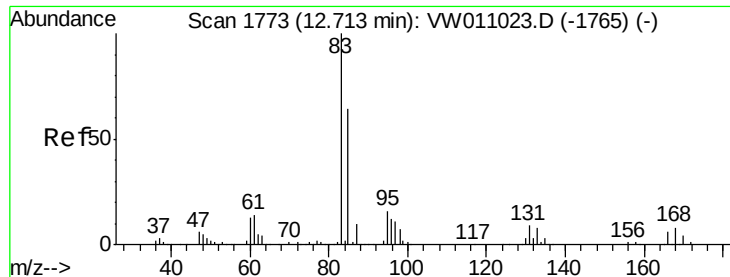
43 100

70 36.5 28.2 42.4

55 24.7 17.8 26.8

61 21.6 16.6 24.8





#75

1,1,2,2-Tetrachloroethane

Concen: 10.930 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

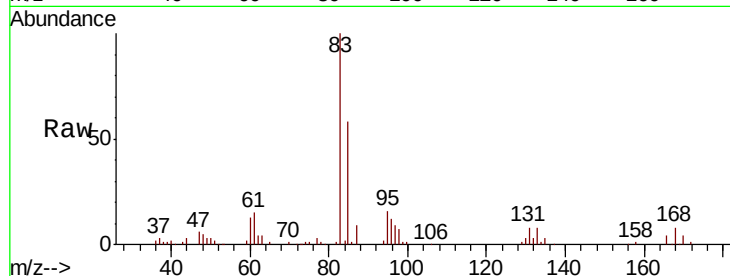
Tot Ion: 83 Resp: 24803

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

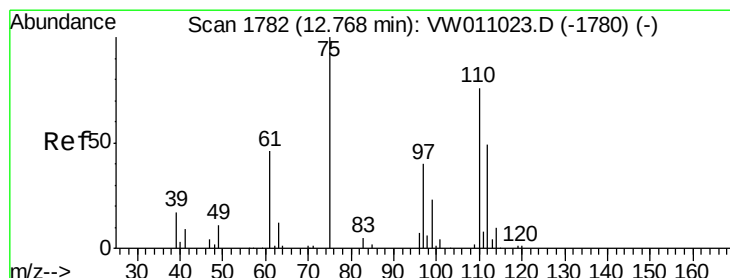
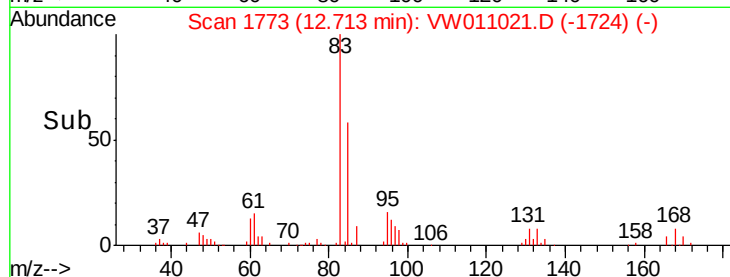
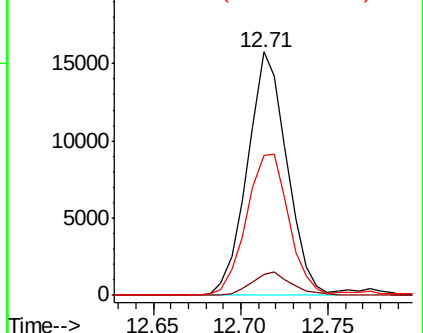
85 62.2 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 19.318 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW011021.D

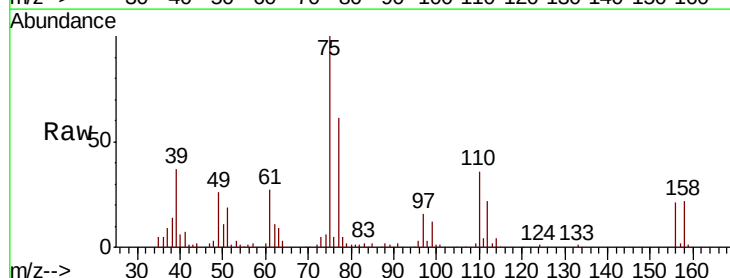
Acq: 27 Jun 2019 15:28

Tgt Ion: 75 Resp: 32162

Ion Ratio Lower Upper

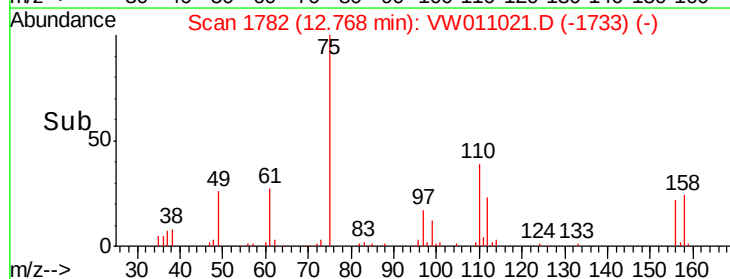
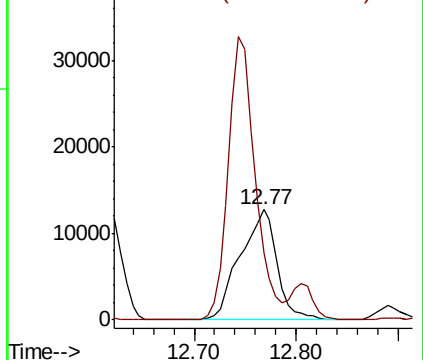
75 100

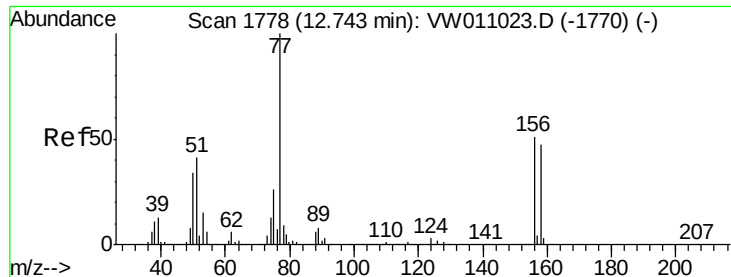
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 10.761 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

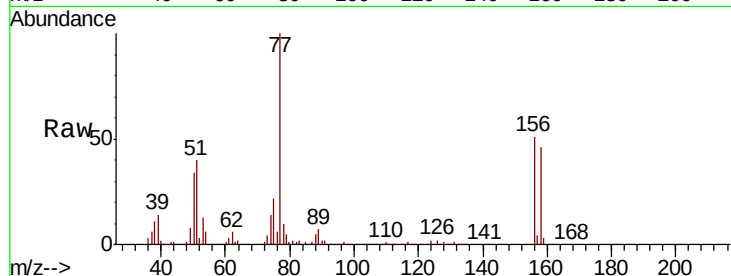
Tot Ion:156 Resp: 27766

Ion Ratio Lower Upper

156 100

77 215.4 109.5 328.5

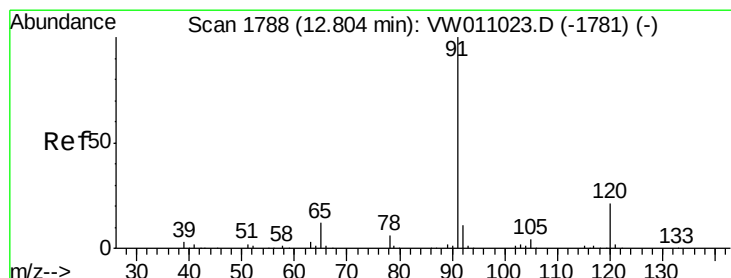
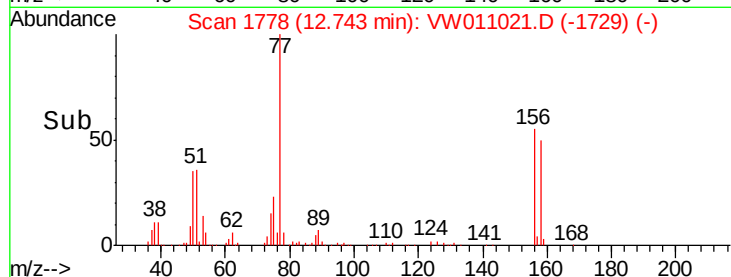
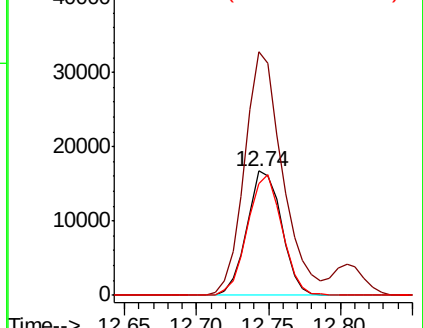
158 96.4 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.791 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011021.D

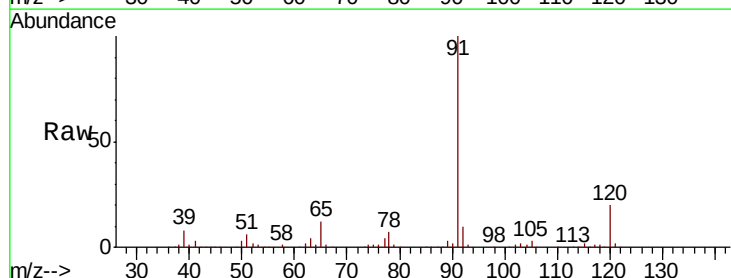
Acq: 27 Jun 2019 15:28

Tgt Ion: 91 Resp: 154758

Ion Ratio Lower Upper

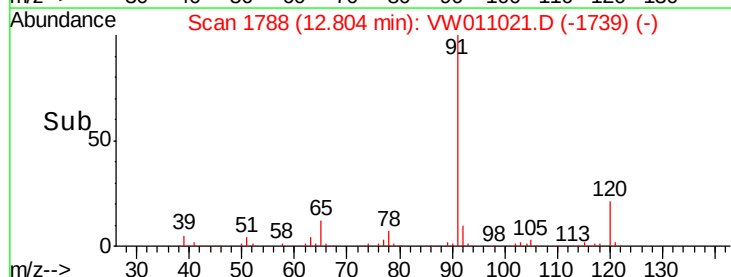
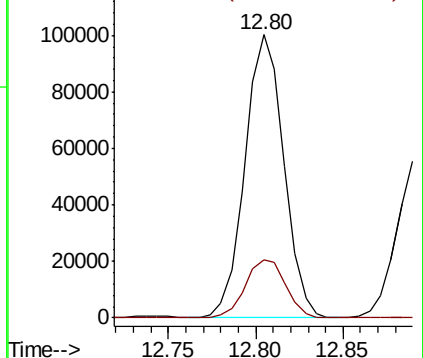
91 100

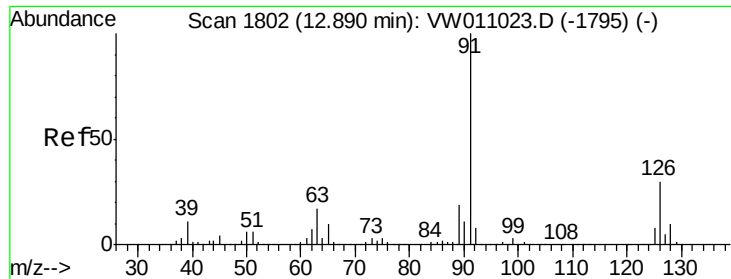
120 21.4 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.971 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

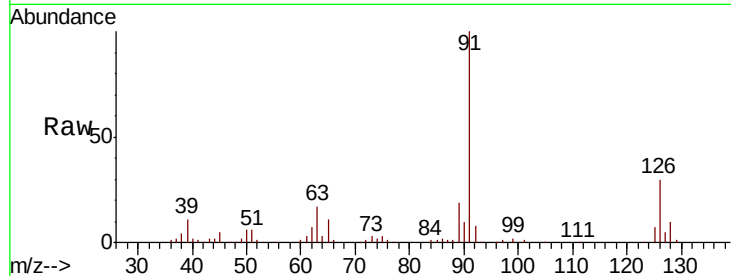
ClientSampled :

Tot Ion: 91 Resp: 89879

Ion Ratio Lower Upper

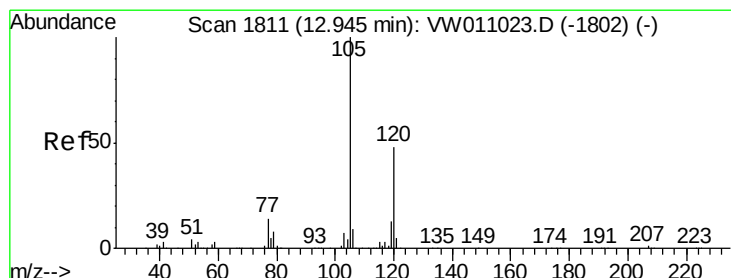
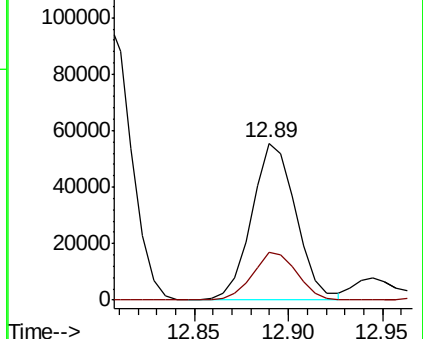
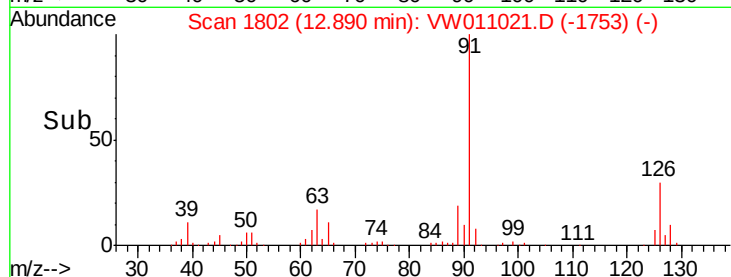
91 100

126 30.5 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 10.763 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW011021.D

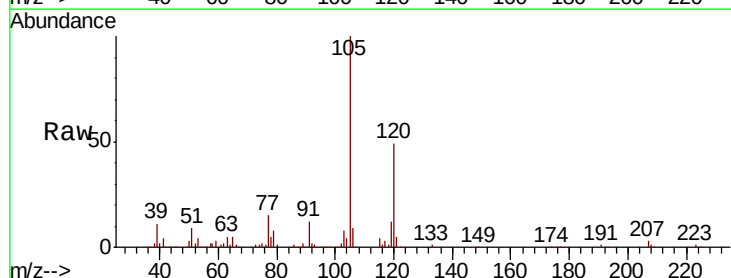
Acq: 27 Jun 2019 15:28

Tgt Ion:105 Resp: 105004

Ion Ratio Lower Upper

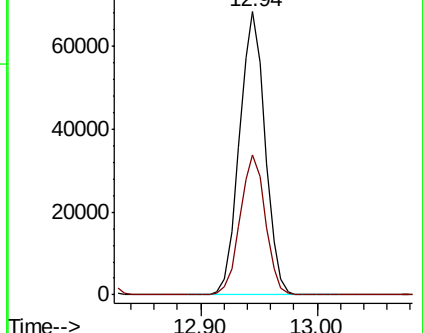
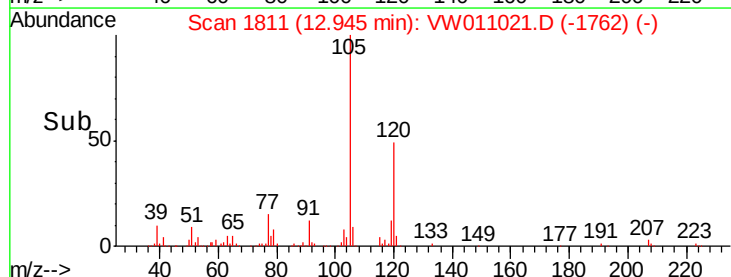
105 100

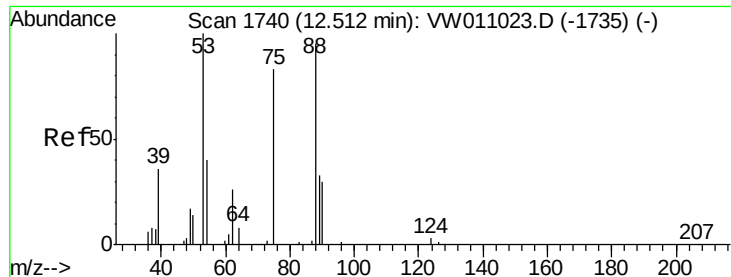
120 49.2 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

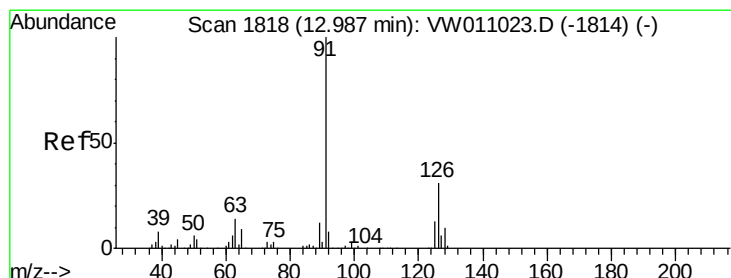
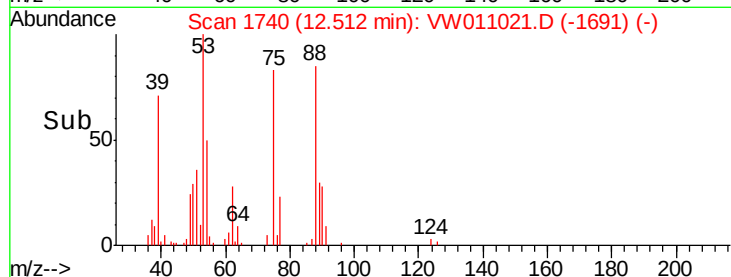
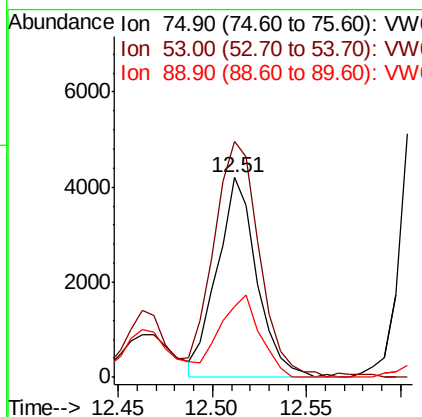
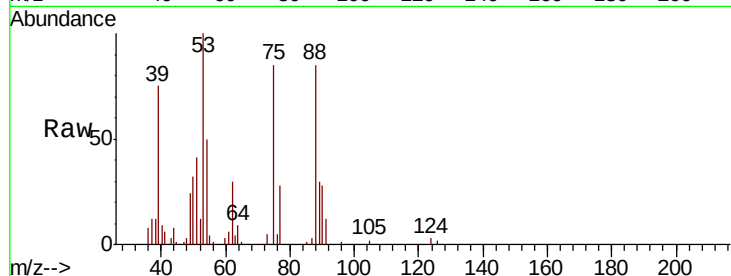




#81
trans-1,4-Dichloro-2-butene
Concen: 8.593 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

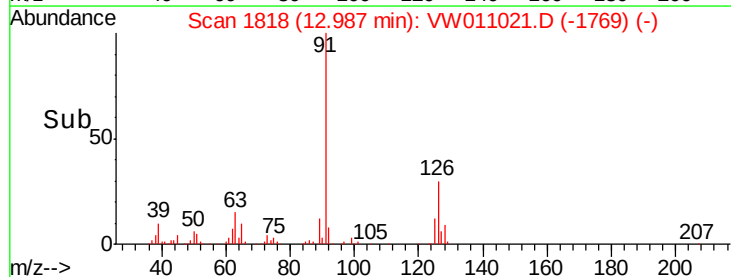
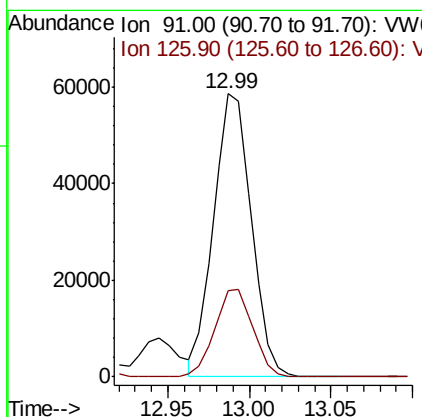
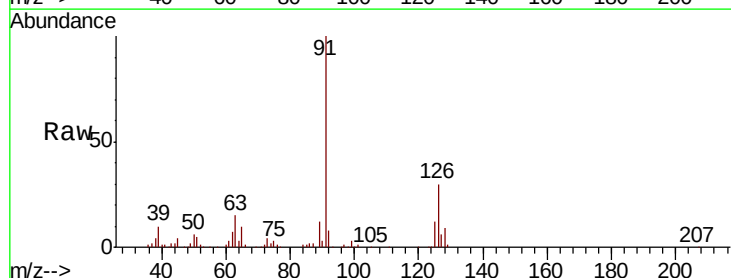
Instrument :
MSVOA_W
ClientSampleId :

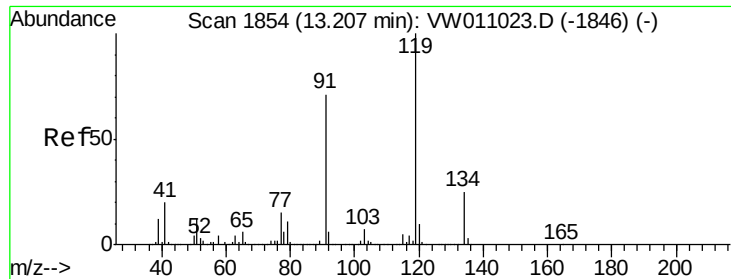
Tot Ion: 75 Resp: 6176
Ion Ratio Lower Upper
75 100
53 136.2 95.6 143.4
89 40.5 34.4 51.6



#82
4-Chlorotoluene
Concen: 11.116 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

Tgt Ion: 91 Resp: 94130
Ion Ratio Lower Upper
91 100
126 31.4 15.7 47.1

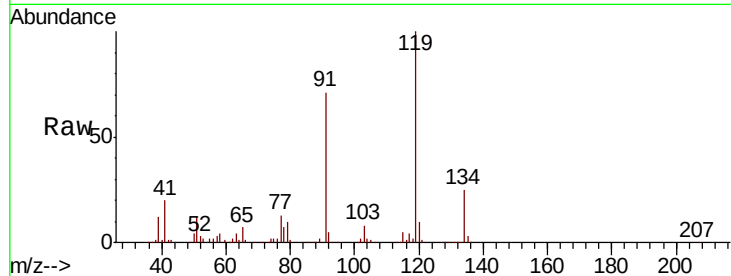




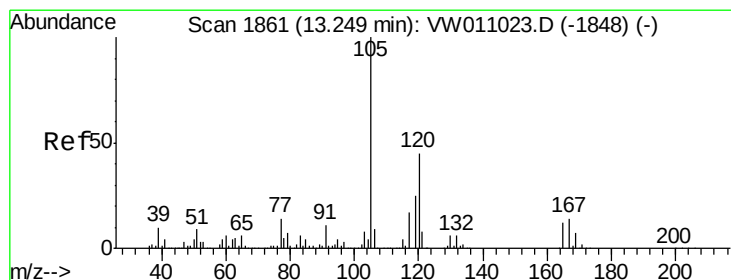
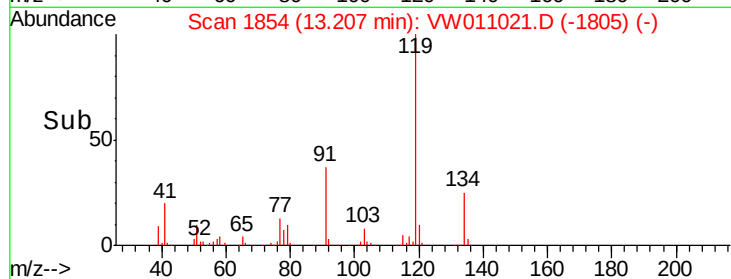
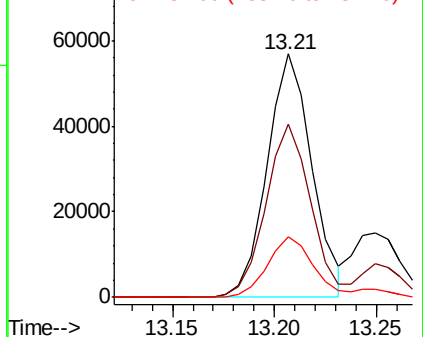
#83
tert-Butylbenzene
Concen: 10.584 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 87252
Ion Ratio Lower Upper
119 100
91 72.1 35.5 106.5
134 25.5 12.4 37.2

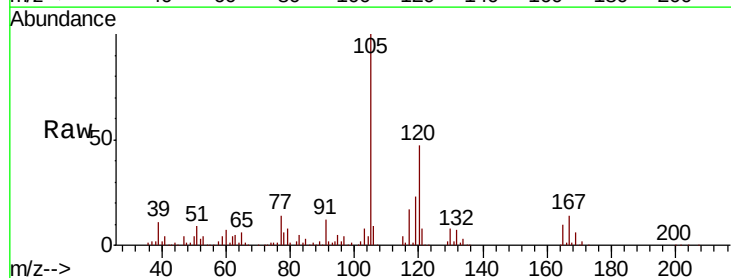


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

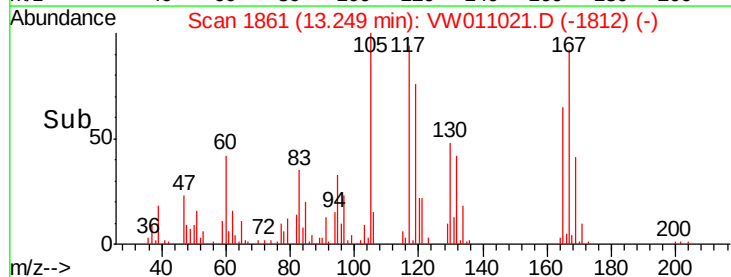
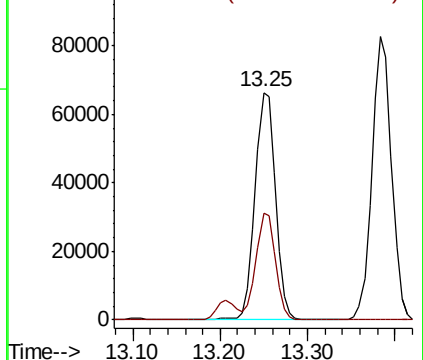


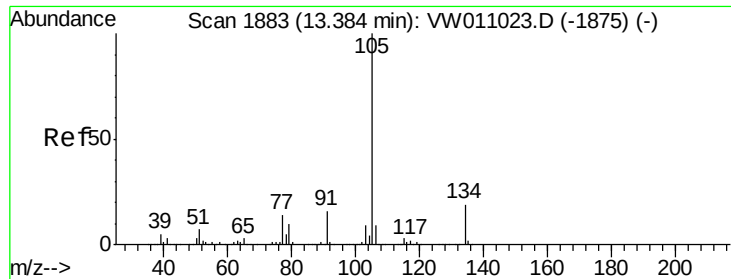
#84
1,2,4-Trimethylbenzene
Concen: 10.986 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

Tgt Ion:105 Resp: 107836
Ion Ratio Lower Upper
105 100
120 44.6 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: 10.706 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

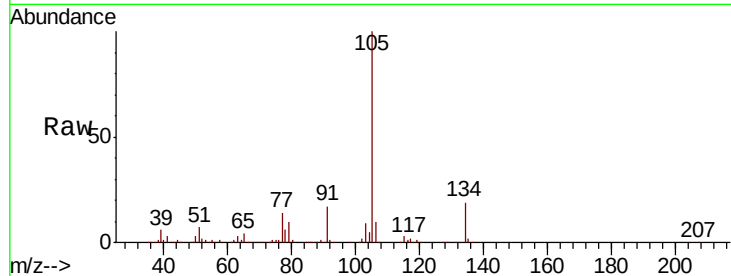
ClientSampleId :

Tot Ion:105 Resp: 128404

Ion Ratio Lower Upper

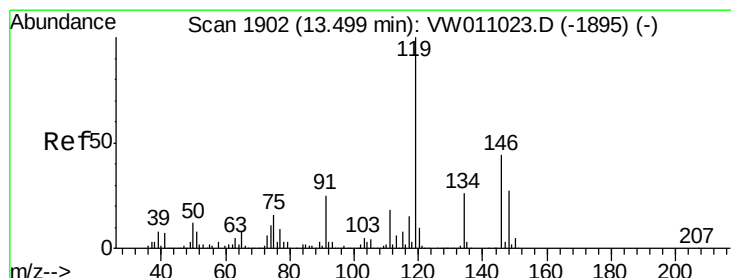
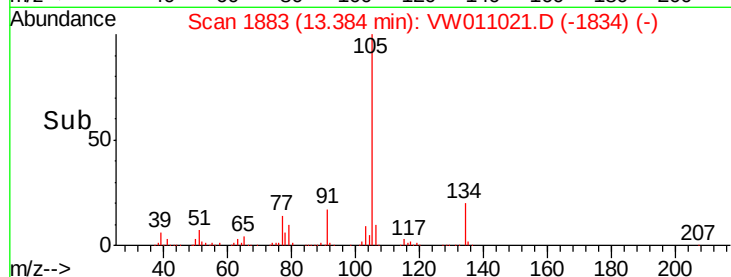
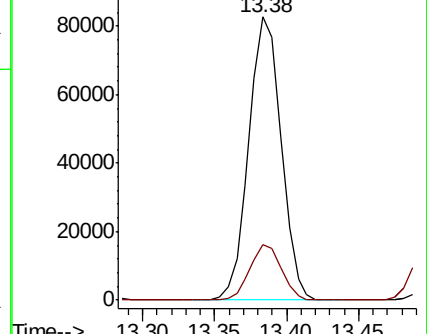
105 100

134 19.0 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.678 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

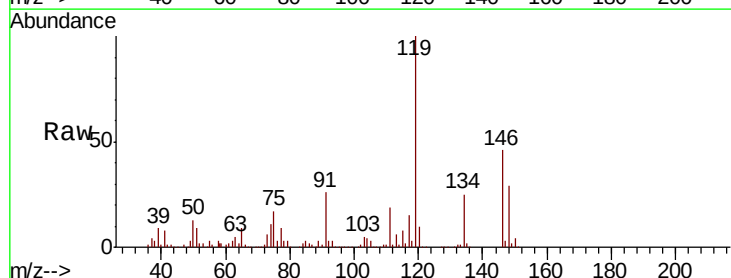
Tgt Ion:119 Resp: 114638

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

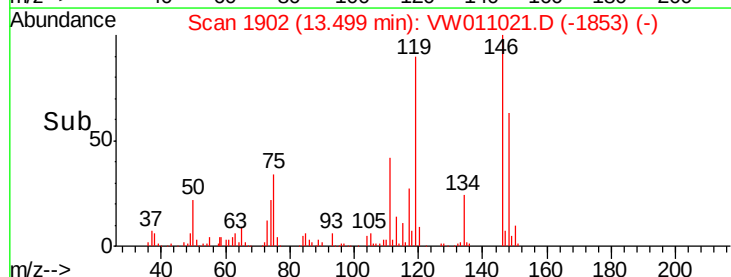
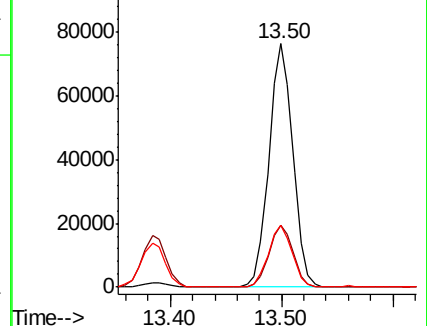
91 25.4 12.3 36.9

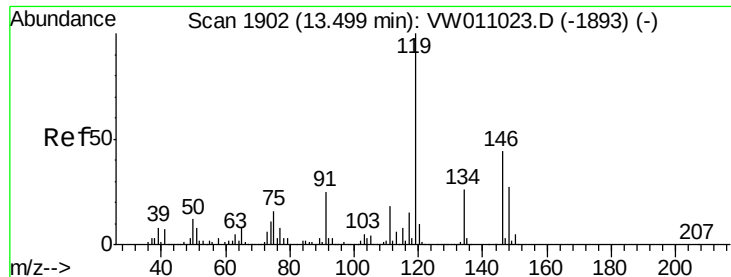


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

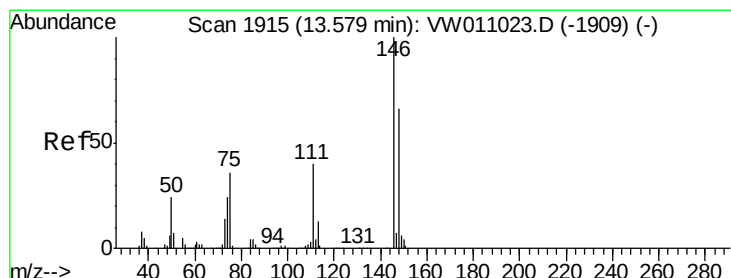
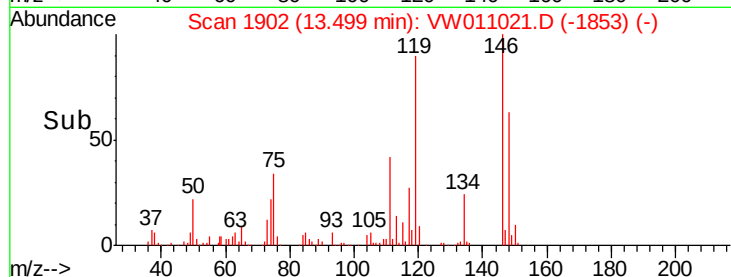
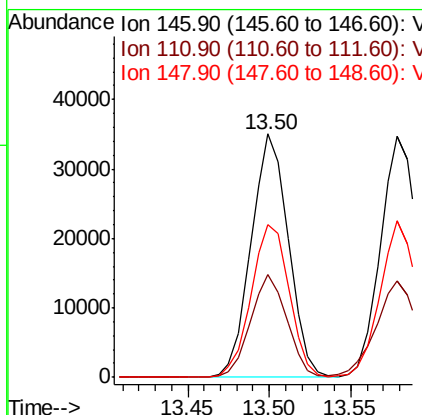
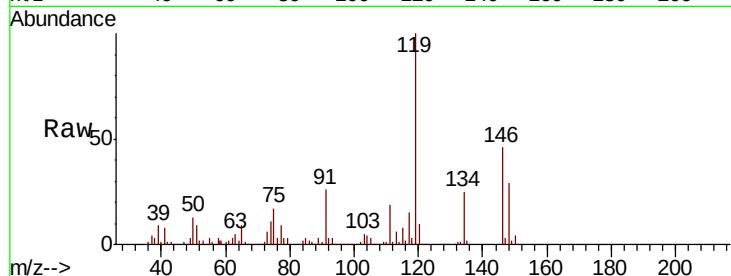




#87
 1,3-Dichlorobenzene
 Concen: 11.185 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011021.D
 Acq: 27 Jun 2019 15:28

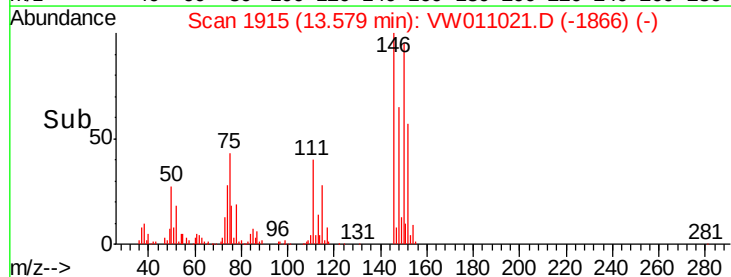
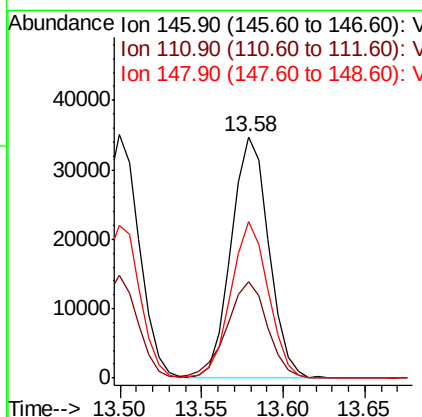
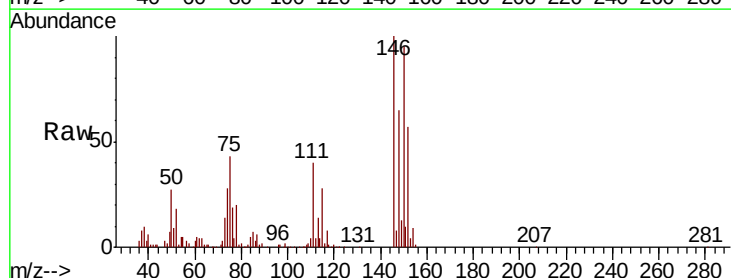
Instrument :
 MSVOA_W
 ClientSampled :

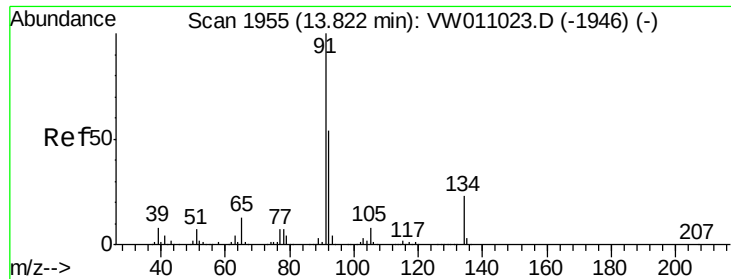
Tot Ion:146 Resp: 55867
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.9 62.8
 148 64.2 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 11.219 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW011021.D
 Acq: 27 Jun 2019 15:28

Tgt Ion:146 Resp: 55705
 Ion Ratio Lower Upper
 146 100
 111 43.5 20.6 61.9
 148 64.6 32.4 97.2





#89

n-Butylbenzene

Concen: 10.842 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

ClientSampled :

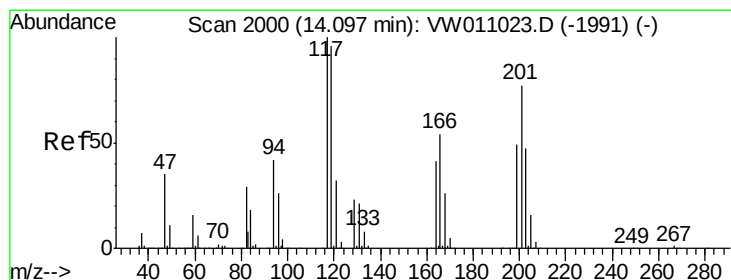
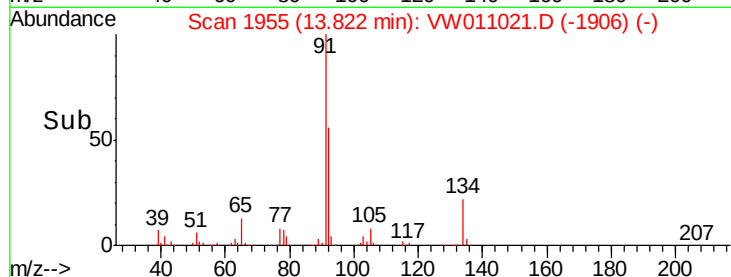
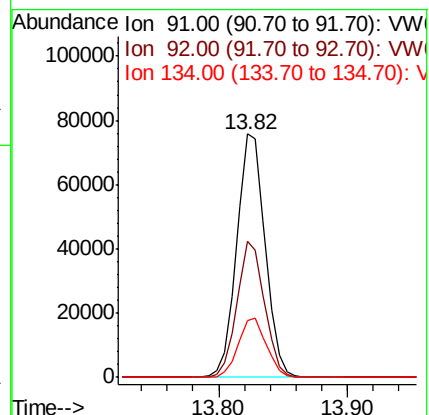
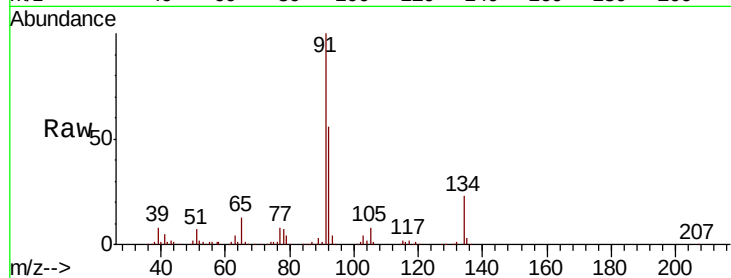
Tot Ion: 91 Resp: 116466

Ion Ratio Lower Upper

91 100

92 53.9 27.1 81.2

134 24.0 12.0 36.1



#90

Hexachloroethane

Concen: 9.876 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW011021.D

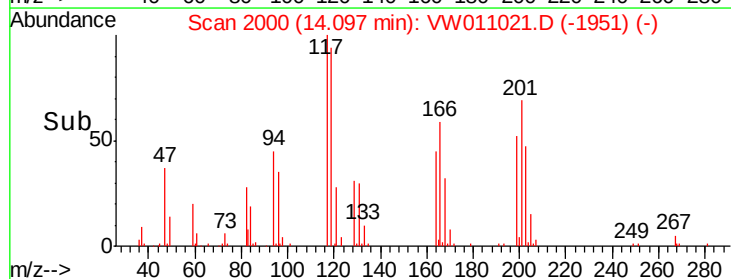
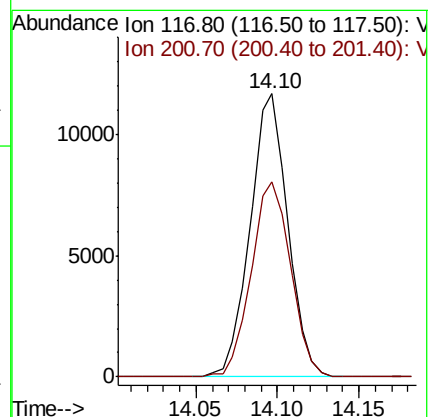
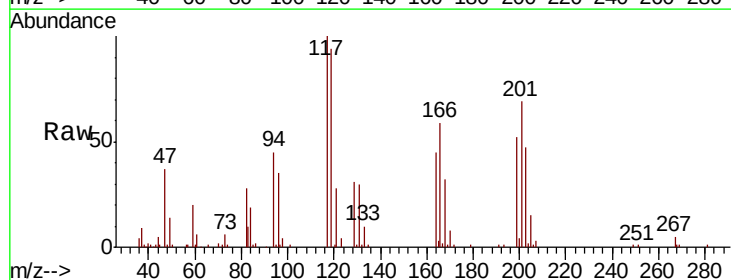
Acq: 27 Jun 2019 15:28

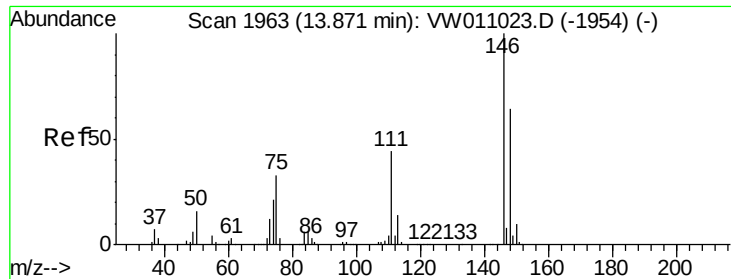
Tgt Ion: 117 Resp: 18813

Ion Ratio Lower Upper

117 100

201 72.0 38.0 114.0

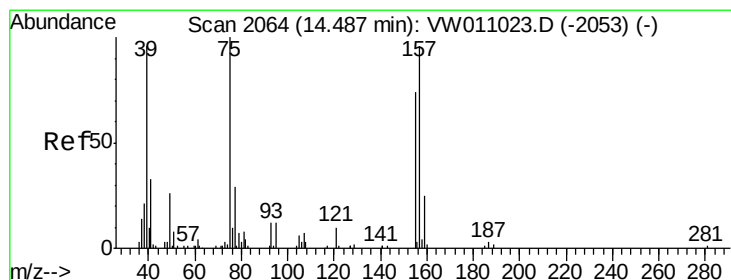
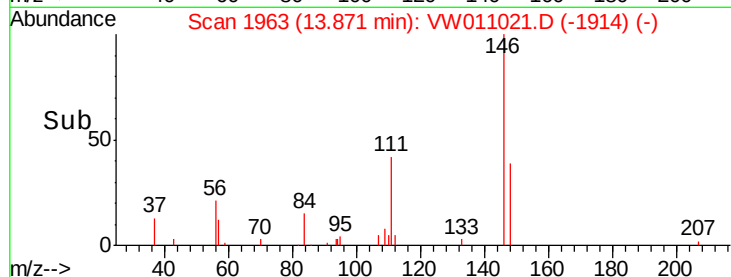
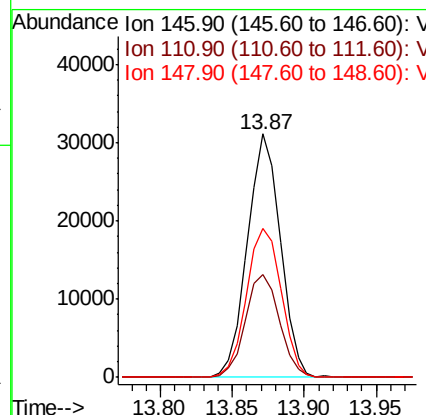
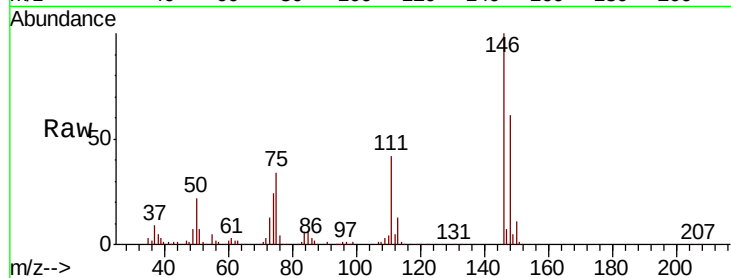




#91
 1,2-Dichlorobenzene
 Concen: 10.939 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011021.D
 Acq: 27 Jun 2019 15:28

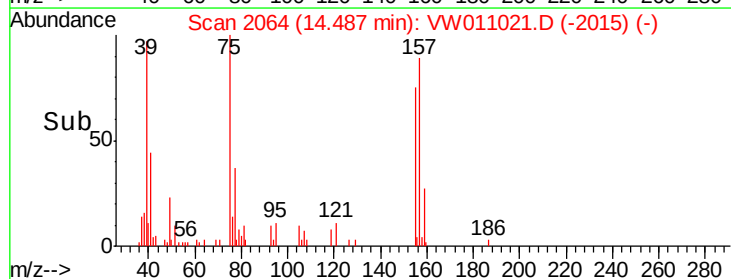
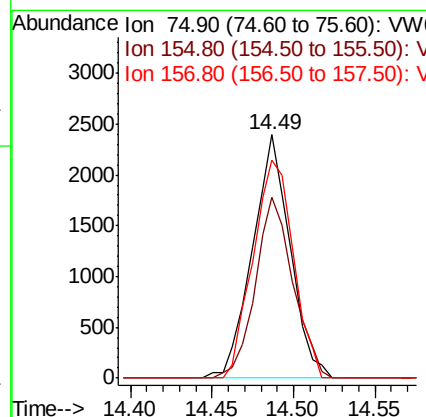
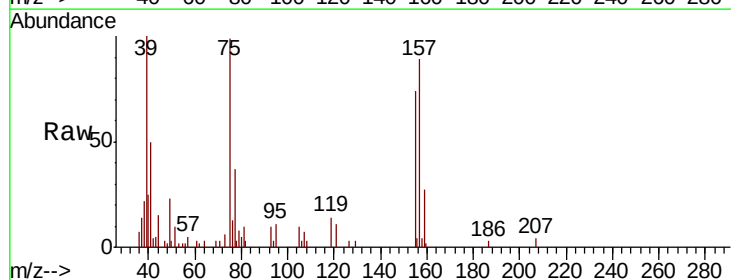
Instrument :
 MSVOA_W
 ClientSampleId :

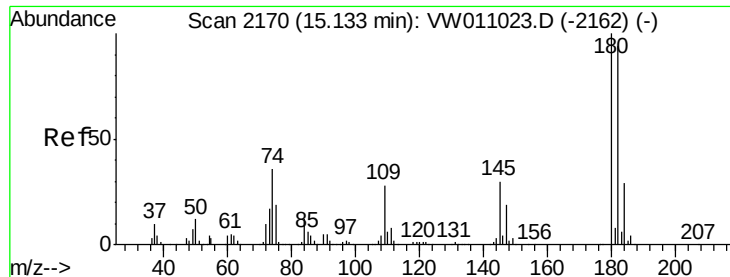
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.4	64.3
148	64.4	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.799 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011021.D
 Acq: 27 Jun 2019 15:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.7	37.0	110.9
157	95.6	45.9	137.7

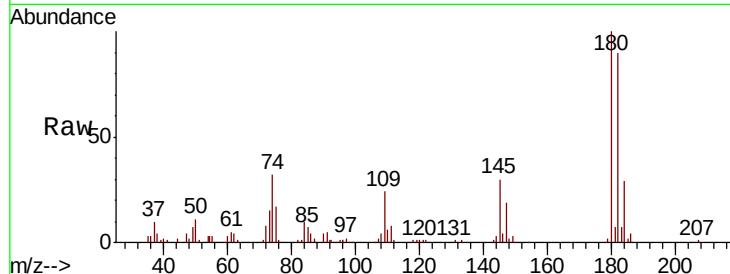




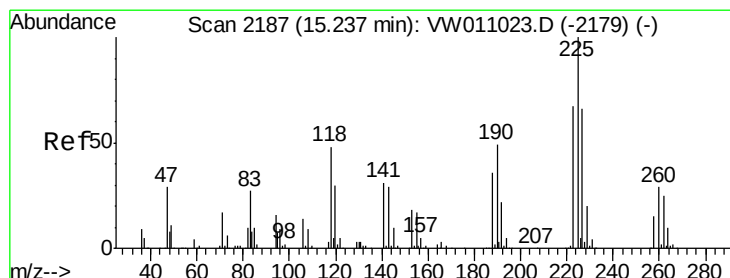
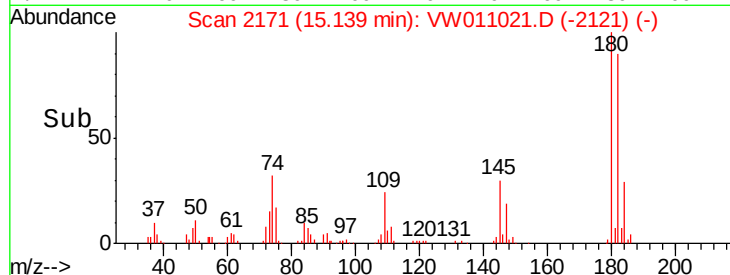
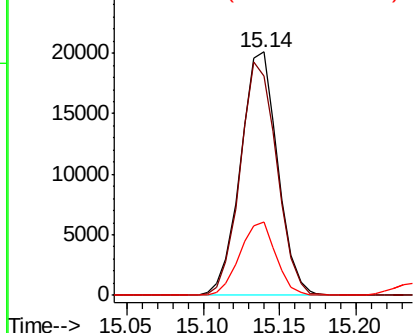
#93
1,2,4-Trichlorobenzene
Concen: 10.719 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.01 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:180 Resp: 33921
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 29.4 15.3 45.8

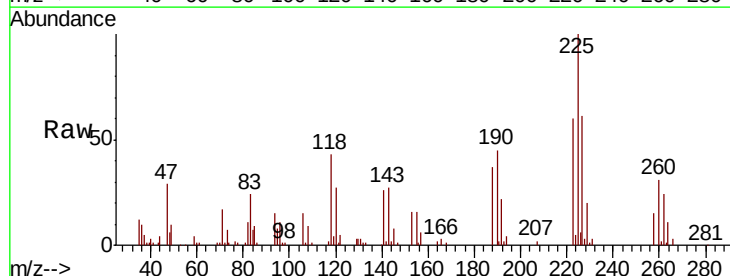


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

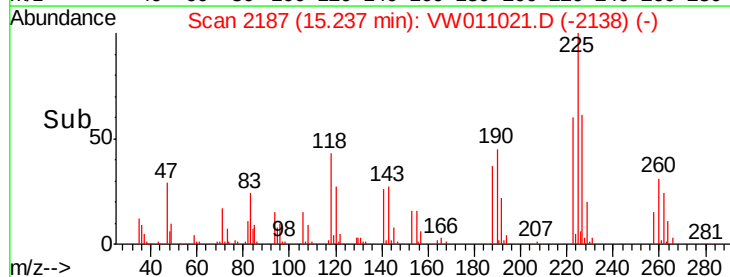
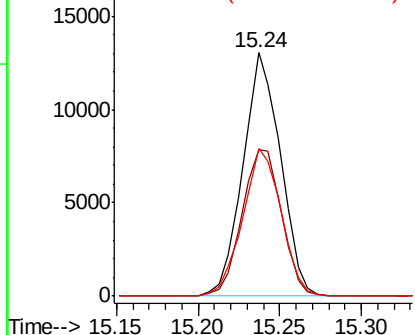


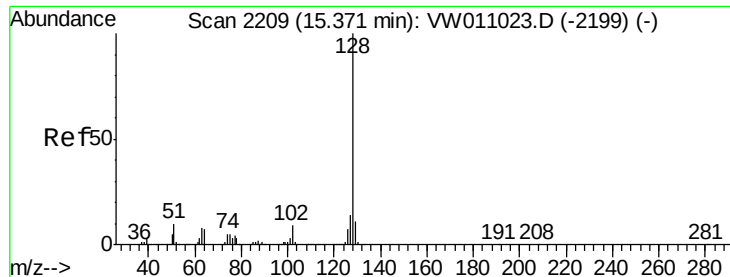
#94
Hexachlorobutadiene
Concen: 10.621 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VW011021.D
Acq: 27 Jun 2019 15:28

Tgt Ion:225 Resp: 20953
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.9
227 62.0 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





#95

Naphthalene

Concen: 10.509 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

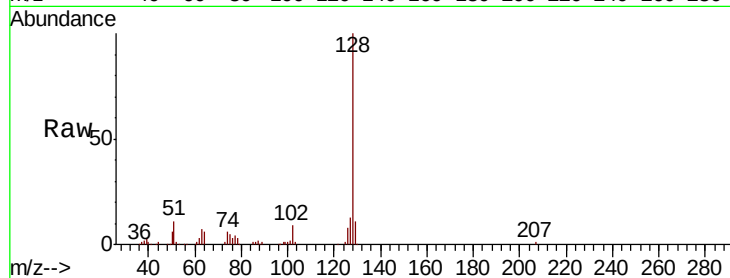
Tot Ion:128 Resp: 61121

Ion Ratio Lower Upper

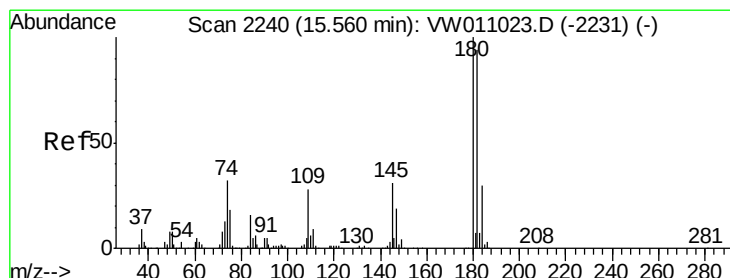
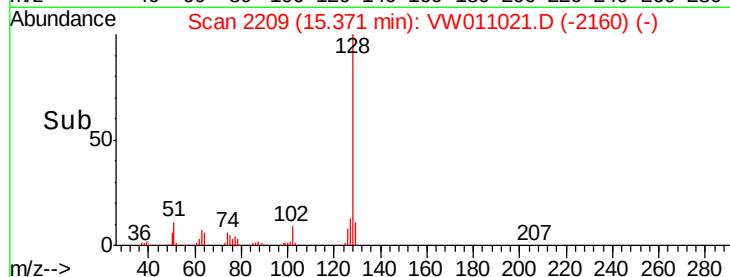
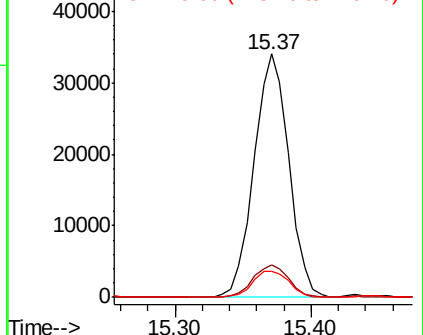
128 100

127 13.7 10.7 16.1

129 11.4 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 11.166 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW011021.D

Acq: 27 Jun 2019 15:28

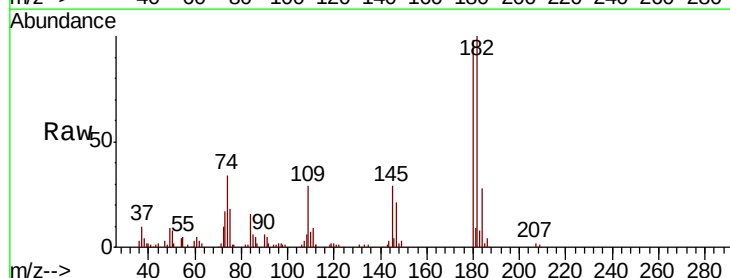
Tgt Ion:180 Resp: 30235

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.7

145 32.2 16.1 48.2



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

