

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011053.D
 Acq On : 28 Jun 2019 11:39
 Operator : SY/VA
 Sample : VW0629SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBSD01

Quant Time: Jun 29 01:48:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	369398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	322374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158001	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	147144	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
35) Dibromofluoromethane	7.88	113	112880	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
50) Toluene-d8	10.32	98	478936	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.62	95	171914	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	38706	22.832	ug/l	93
3) Chloromethane	2.21	50	47369	20.844	ug/l	98
4) Vinyl Chloride	2.36	62	62348	21.071	ug/l	99
5) Bromomethane	2.77	94	30323	20.588	ug/l	98
6) Chloroethane	2.92	64	31377	20.113	ug/l	99
7) Trichlorofluoromethane	3.25	101	17723	20.382	ug/l	97
8) Diethyl Ether	3.68	74	26907	19.539	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	48875	19.985	ug/l	100
10) Methyl Iodide	4.28	142	67148	19.625	ug/l	99
11) Tert butyl alcohol	5.17	59	16754	78.470	ug/l	99
12) 1,1-Dichloroethene	4.04	96	50398	19.798	ug/l	96
13) Acrolein	3.89	56	14713	88.368	ug/l	96
14) Allyl chloride	4.66	41	80290	19.597	ug/l	99
15) Acrylonitrile	5.36	53	62859	92.692	ug/l	99
16) Acetone	4.12	43	64434	89.793	ug/l	99
17) Carbon Disulfide	4.38	76	139610	19.332	ug/l	99
18) Methyl Acetate	4.67	43	36293	19.525	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	70264	19.502	ug/l	96
20) Methylene Chloride	4.92	84	55047	18.881	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	51318	19.564	ug/l	98
22) Diisopropyl ether	6.31	45	192878	19.563	ug/l	99
23) Vinyl Acetate	6.25	43	567719	93.454	ug/l	99
24) 1,1-Dichloroethane	6.21	63	101750	19.552	ug/l	99
25) 2-Butanone	7.17	43	97528	89.414	ug/l	98
26) 2,2-Dichloropropane	7.17	77	50025	18.514	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	54700	19.368	ug/l	100
28) Bromochloromethane	7.51	49	44665	18.436	ug/l	99
29) Tetrahydrofuran	7.52	42	61516	90.598	ug/l	99
30) Chloroform	7.67	83	91820	19.421	ug/l	99
31) Cyclohexane	7.95	56	111388	19.808	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	69939	19.796	ug/l	99
36) 1,1-Dichloropropene	8.08	75	79420	20.003	ug/l	99
37) Ethyl Acetate	7.25	43	42664	18.471	ug/l	98
38) Carbon Tetrachloride	8.06	117	63981	19.568	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	97684	19.992	ug/l	95
40) Benzene	8.32	78	217675	19.933	ug/l	98
41) Methacrylonitrile	7.48	41	25026	17.809	ug/l	95
42) 1,2-Dichloroethane	8.40	62	70010	19.553	ug/l	100
43) Isopropyl Acetate	8.42	43	80357	18.391	ug/l	98
44) Trichloroethene	9.09	130	51812	19.632	ug/l	97
45) 1,2-Dichloropropane	9.37	63	58272	19.650	ug/l	95
46) Dibromomethane	9.46	93	26276	18.946	ug/l	98
47) Bromodichloromethane	9.65	83	65201	18.988	ug/l	99
48) Methyl methacrylate	9.43	41	39494	18.642	ug/l	100
49) 1,4-Dioxane	9.45	88	8022	344.009	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	211537	91.972	ug/l	100
52) Toluene	10.38	92	132023	19.747	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	66513	18.597	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	82150	19.255	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	37203	18.987	ug/l	98
56) Ethyl methacrylate	10.65	69	54472	18.565	ug/l	98
57) 1,3-Dichloropropane	10.93	76	70785	18.991	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	136419	91.890	ug/l	98
59) 2-Hexanone	10.97	43	146947	91.615	ug/l	100
60) Dibromochloromethane	11.13	129	37840	18.416	ug/l	100
61) 1,2-Dibromoethane	11.23	107	35057	19.111	ug/l	98
64) Tetrachloroethene	10.86	164	44009	19.837	ug/l	98
65) Chlorobenzene	11.66	112	133068	20.165	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	43481	19.407	ug/l	99
67) Ethyl Benzene	11.73	91	256076	20.261	ug/l	100
68) m/p-Xylenes	11.84	106	184693	40.271	ug/l	99
69) o-Xylene	12.16	106	86289	20.200	ug/l	100
70) Styrene	12.18	104	150345	20.254	ug/l	99
71) Bromoform	12.35	173	20080	18.384	ug/l #	99
73) Isopropylbenzene	12.46	105	241586	20.410	ug/l	100
74) N-amyl acetate	12.27	43	76384	19.215	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	44984	19.353	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	57644	34.557	ug/l #	100
77) Bromobenzene	12.75	156	53260	20.471	ug/l	96
78) n-propylbenzene	12.80	91	300942	20.531	ug/l	99
79) 2-Chlorotoluene	12.89	91	170297	20.336	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	205908	20.524	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	12361	18.576	ug/l	94
82) 4-Chlorotoluene	12.99	91	178069	20.405	ug/l	100
83) tert-Butylbenzene	13.21	119	170947	20.434	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	207165	20.430	ug/l	99
85) sec-Butylbenzene	13.38	105	249905	20.563	ug/l	100
86) p-Isopropyltoluene	13.50	119	224324	20.511	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	104492	20.304	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	103299	20.107	ug/l	100
89) n-Butylbenzene	13.82	91	227659	20.481	ug/l	100
90) Hexachloroethane	14.10	117	36205	19.348	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	92598	20.033	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7375	18.670	ug/l	98

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Quant Time: Jun 29 01:48:56 2019
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Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration

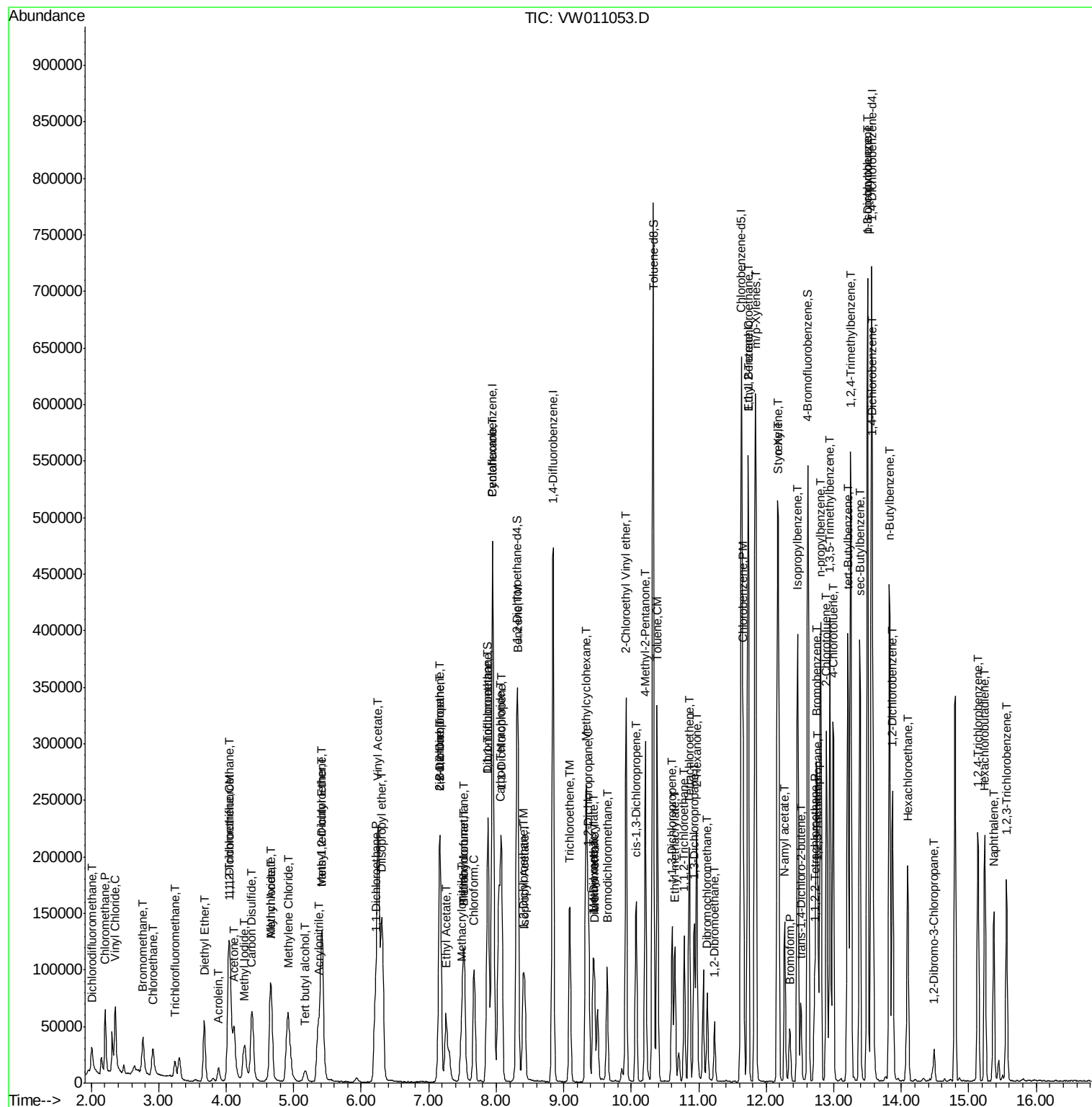
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	66775	20.533	ug/l	99
94) Hexachlorobutadiene	15.24	225	41061	20.817	ug/l	99
95) Naphthalene	15.37	128	121932	19.960	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	58545	20.161	ug/l	98

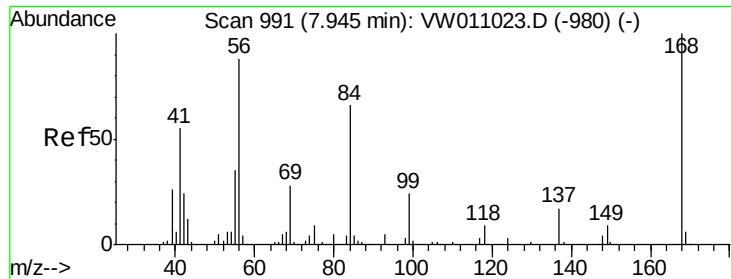
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

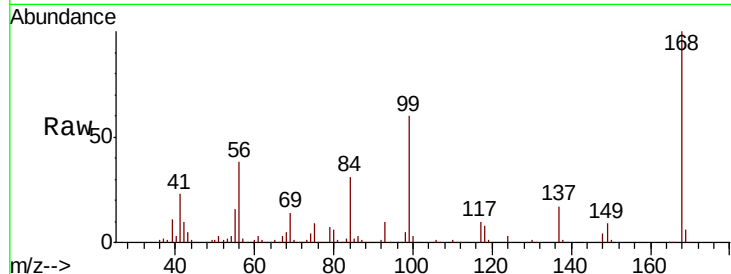
VW0629SBSD01

Tot Ion:168 Resp: 224879

Ion Ratio Lower Upper

168 100

99 59.7 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

20000

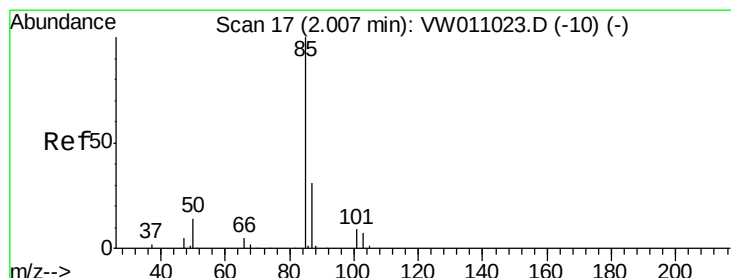
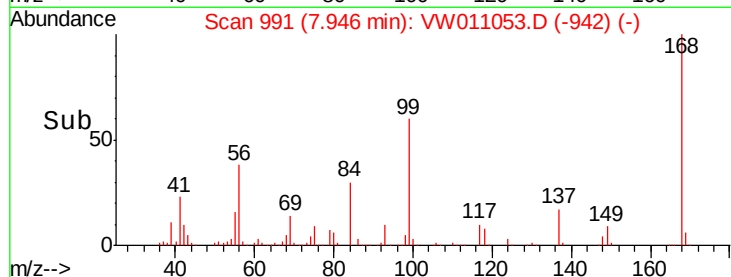
0

7.80

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 22.832 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011053.D

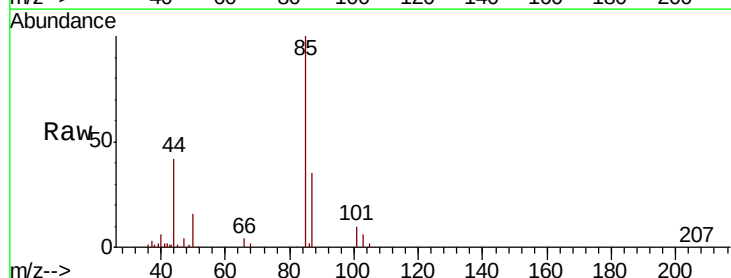
Acq: 28 Jun 2019 11:39

Tgt Ion: 85 Resp: 38706

Ion Ratio Lower Upper

85 100

87 35.2 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

15000

10000

5000

0

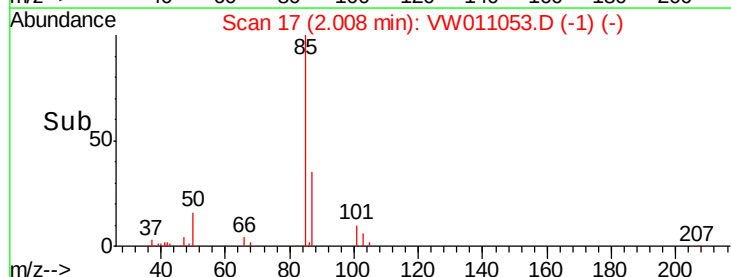
1.90

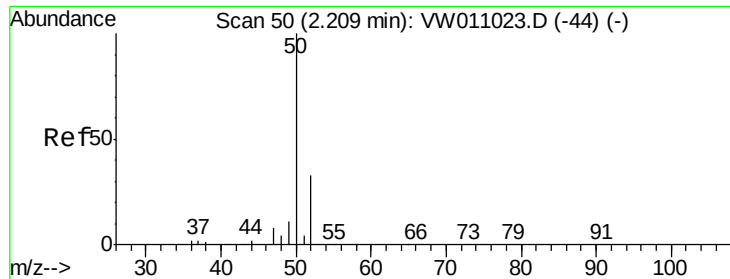
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 20.844 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

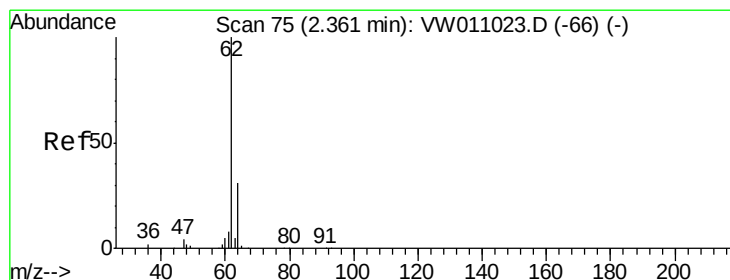
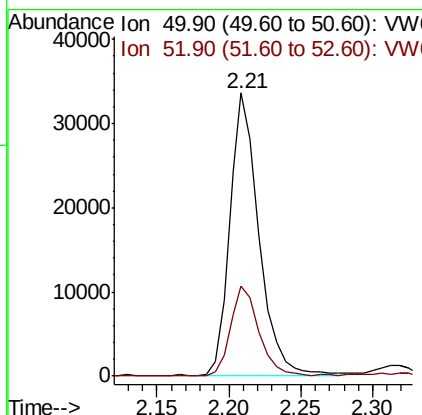
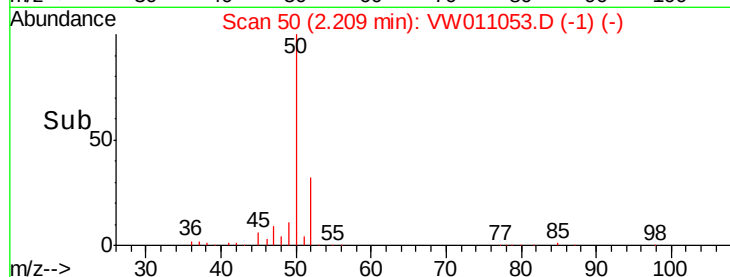
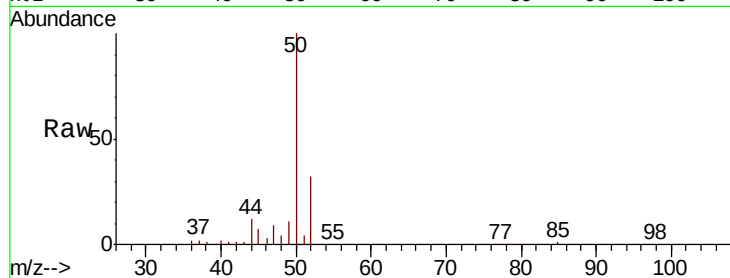
VW0629SBSD01

Tot Ion: 50 Resp: 47369

Ion Ratio Lower Upper

50 100

52 32.0 26.6 40.0



#4

Vinyl Chloride

Concen: 21.071 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011053.D

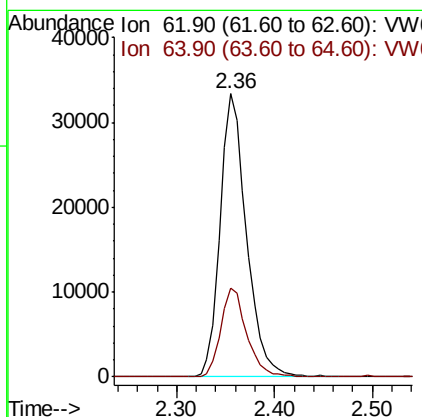
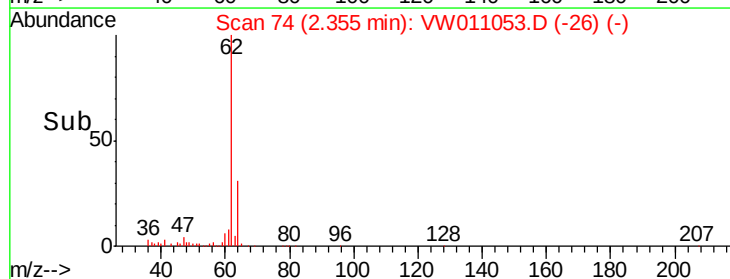
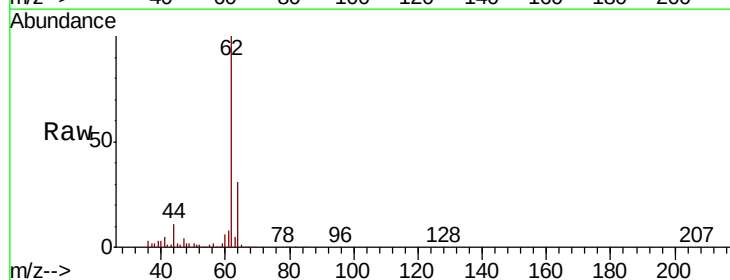
Acq: 28 Jun 2019 11:39

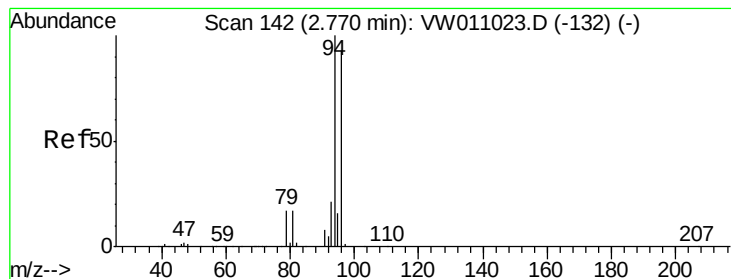
Tgt Ion: 62 Resp: 62348

Ion Ratio Lower Upper

62 100

64 31.4 24.8 37.2





#5

Bromomethane

Concen: 20.588 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampled :

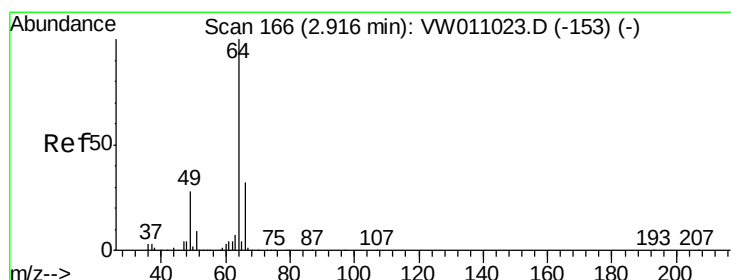
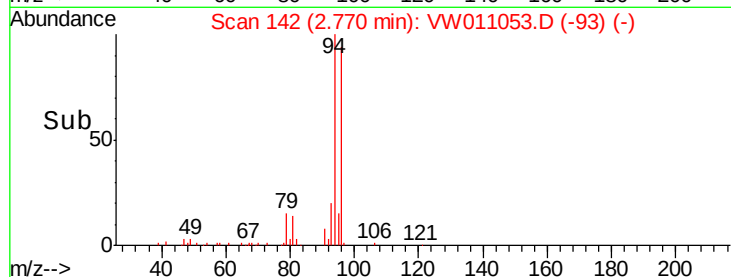
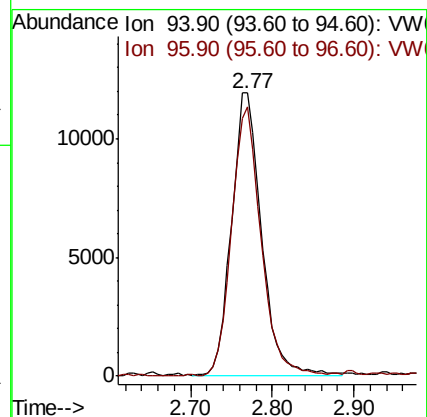
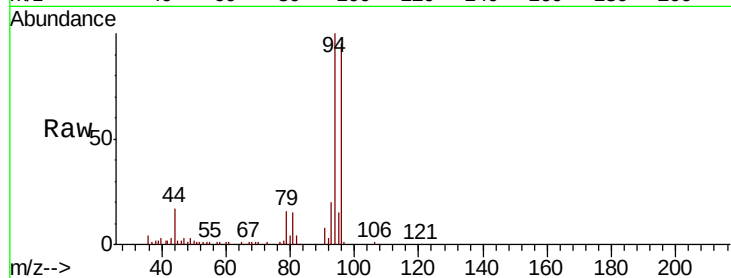
VW0629SBSD01

Tot Ion: 94 Resp: 30323

Ion Ratio Lower Upper

94 100

96 94.3 74.2 111.2



#6

Chloroethane

Concen: 20.113 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW011053.D

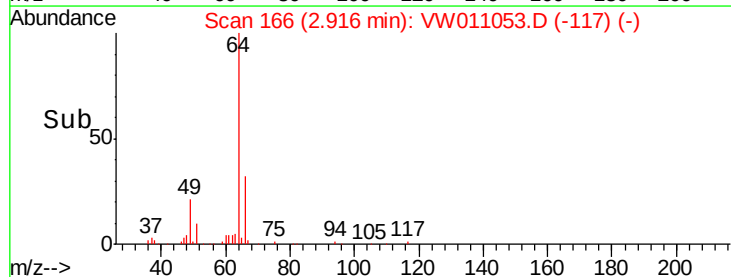
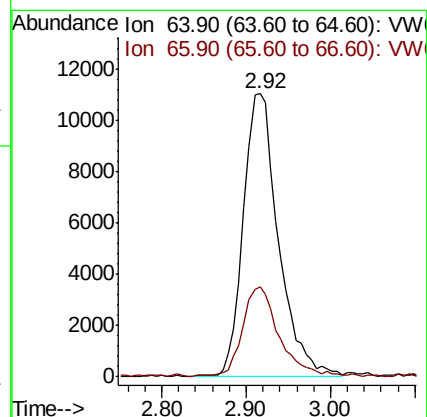
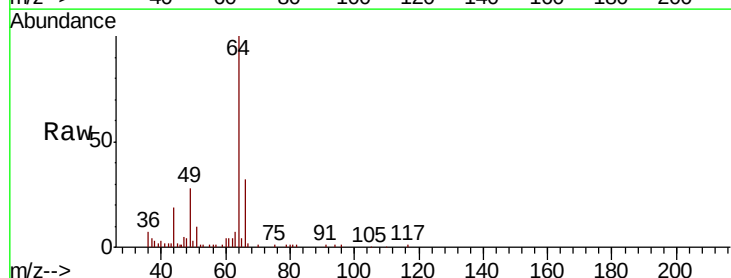
Acq: 28 Jun 2019 11:39

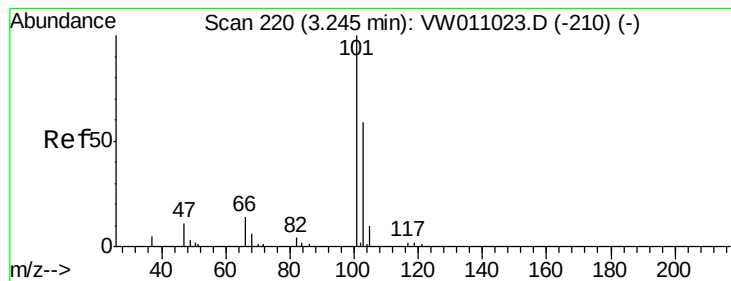
Tgt Ion: 64 Resp: 31377

Ion Ratio Lower Upper

64 100

66 31.7 25.7 38.5



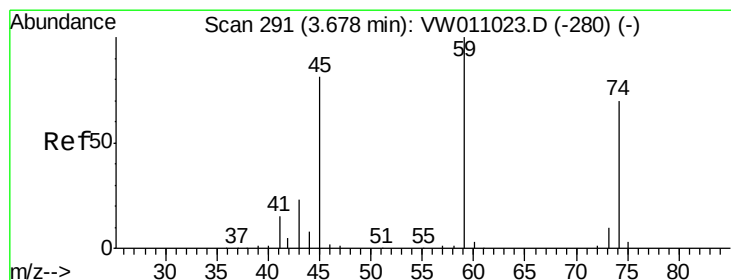
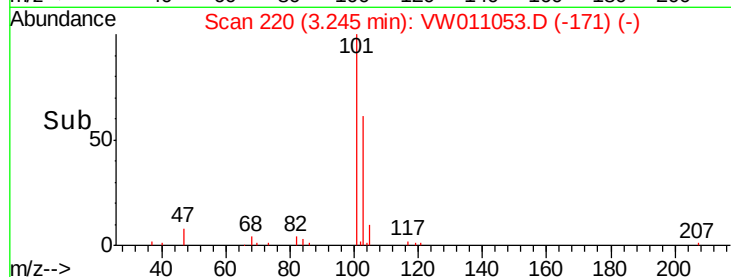
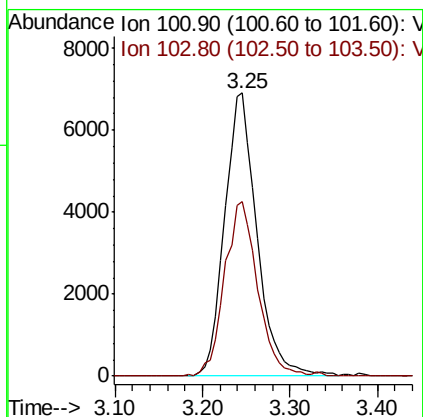
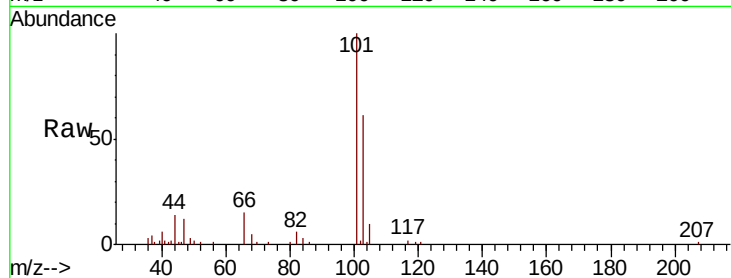


#7

Trichlorofluoromethane
 Concen: 20.382 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VW011053.D
 Acq: 28 Jun 2019 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBSD01

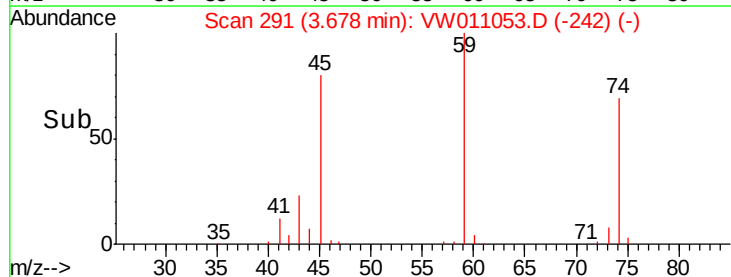
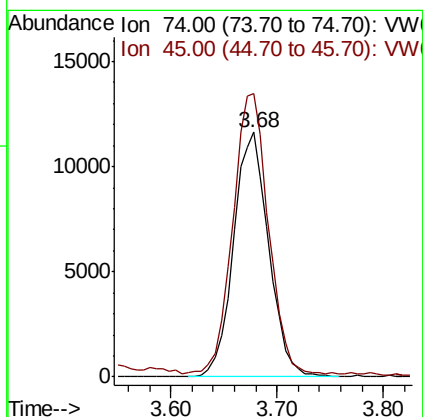
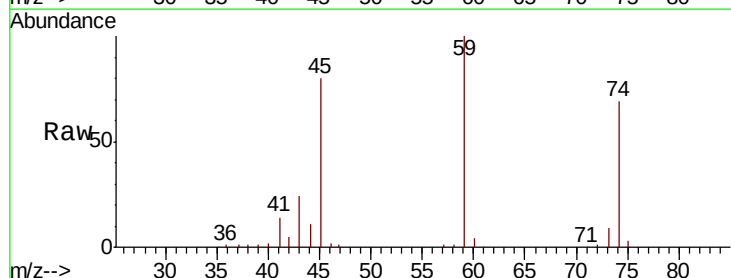
Tot Ion:101 Resp: 17723
 Ion Ratio Lower Upper
 101 100
 103 61.5 47.5 71.3

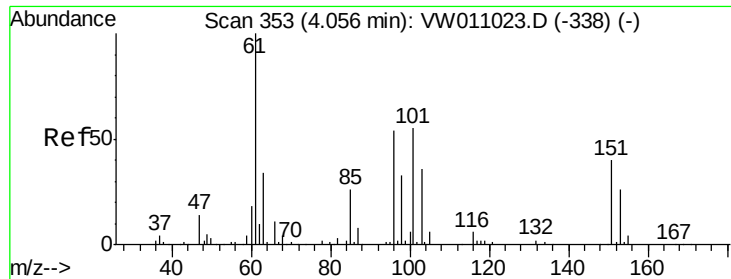


#8

Diethyl Ether
 Concen: 19.539 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW011053.D
 Acq: 28 Jun 2019 11:39

Tgt Ion: 74 Resp: 26907
 Ion Ratio Lower Upper
 74 100
 45 115.6 59.5 178.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.985 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBSD01

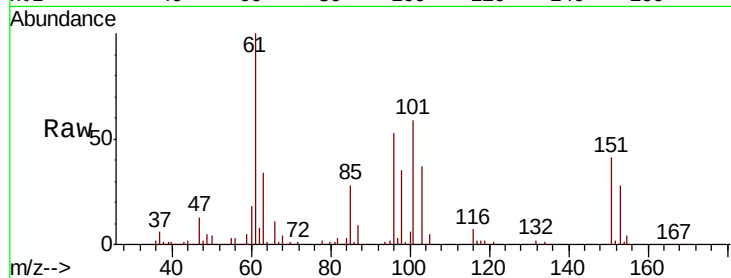
Tot Ion:101 Resp: 48875

Ion Ratio Lower Upper

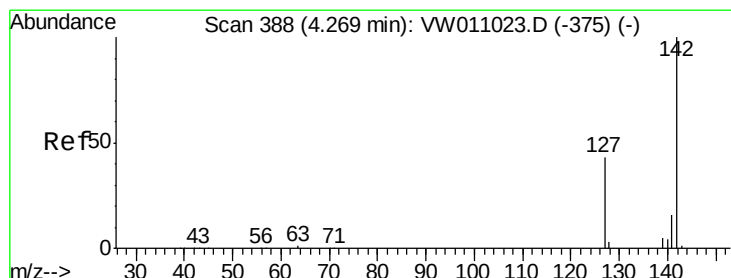
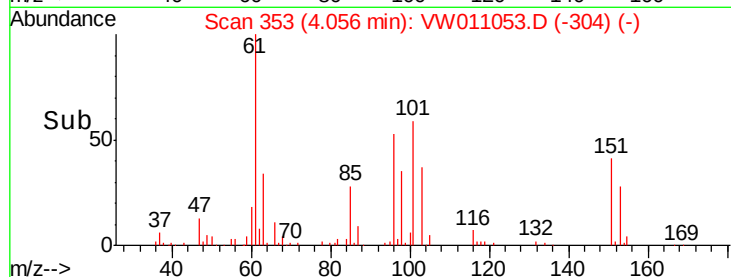
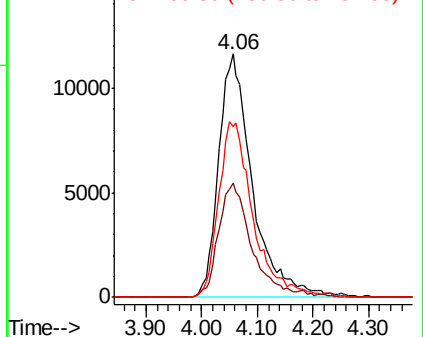
101 100

85 45.3 36.6 55.0

151 73.6 58.9 88.3



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



#10

Methyl Iodide

Concen: 19.625 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

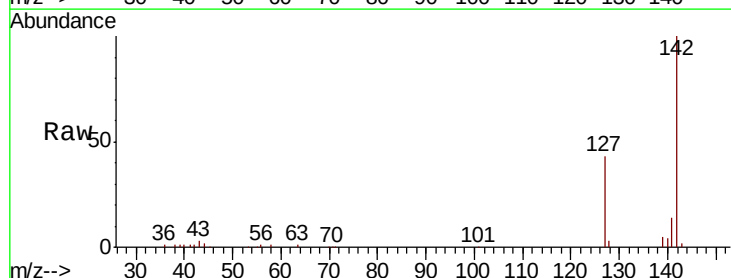
Tgt Ion:142 Resp: 67148

Ion Ratio Lower Upper

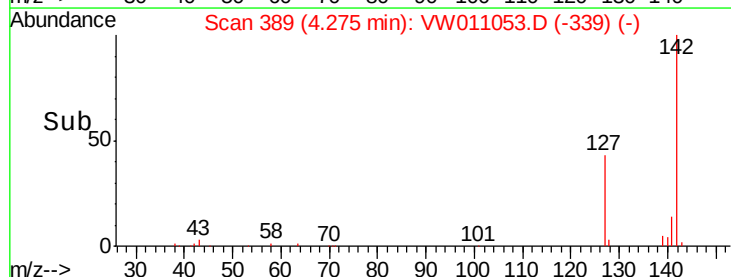
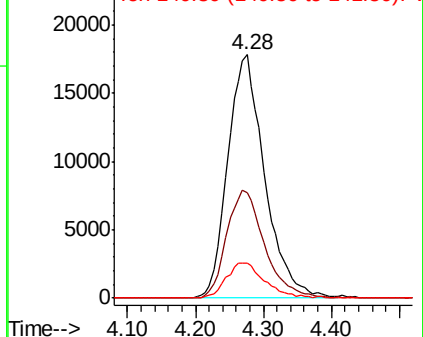
142 100

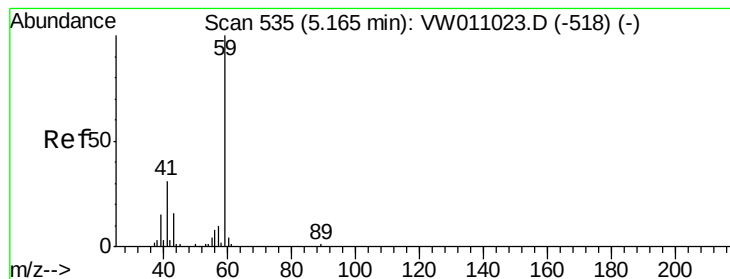
127 45.3 35.8 53.8

141 14.9 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



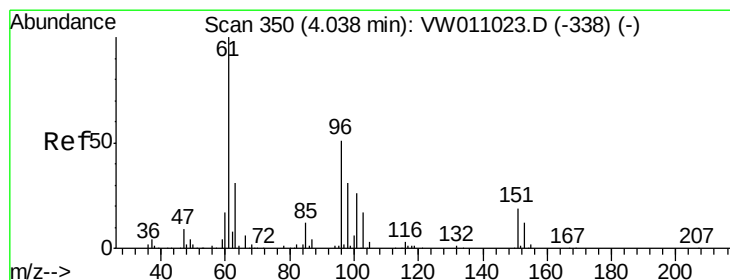
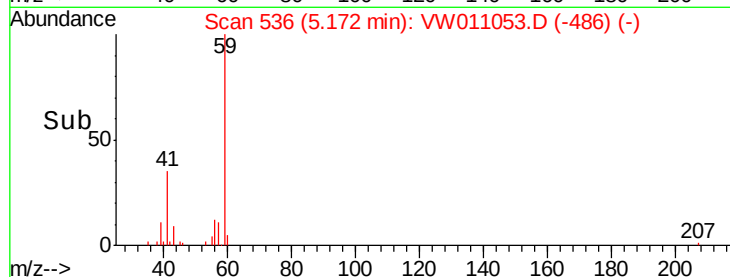
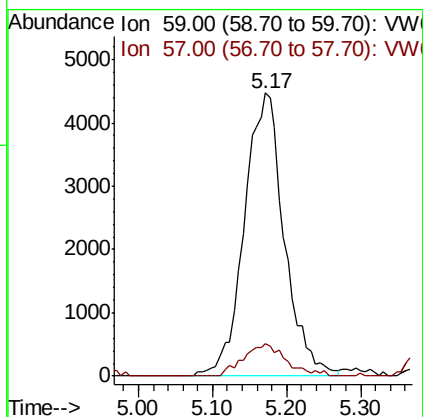
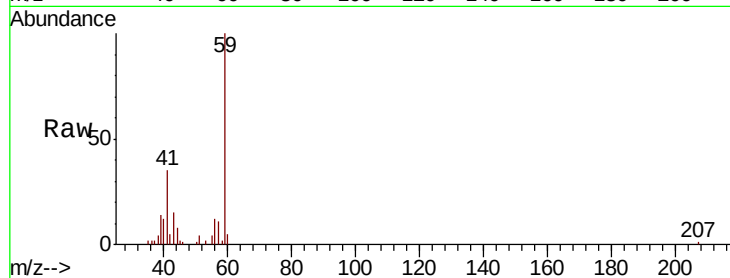


#11

Tert butyl alcohol
 Concen: 78.470 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW011053.D
 Acq: 28 Jun 2019 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBSD01

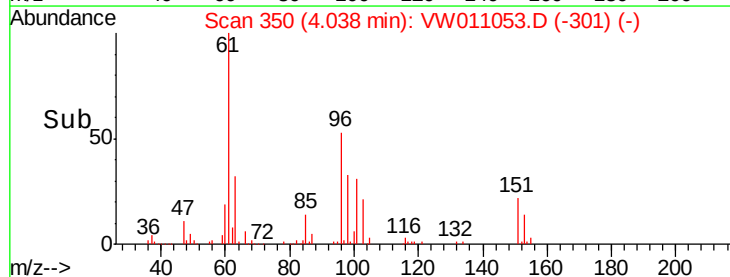
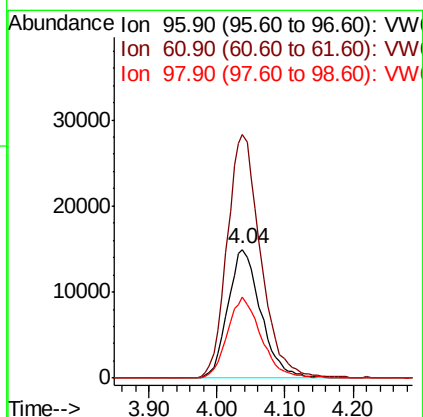
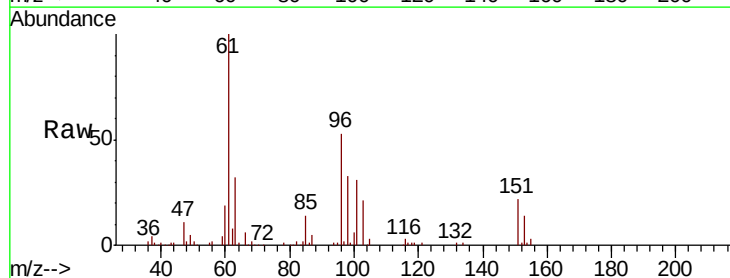
Tot Ion: 59 Resp: 16754
 Ion Ratio Lower Upper
 59 100
 57 11.8 9.0 13.4

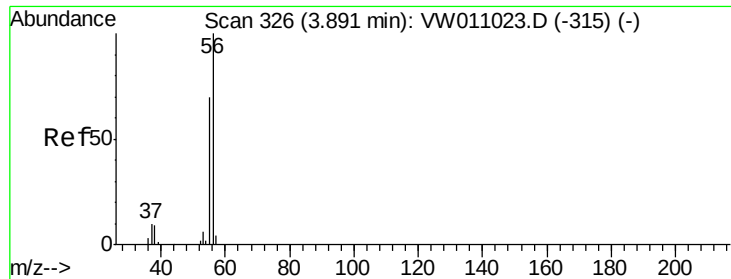


#12

1,1-Dichloroethene
 Concen: 19.798 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011053.D
 Acq: 28 Jun 2019 11:39

Tgt Ion: 96 Resp: 50398
 Ion Ratio Lower Upper
 96 100
 61 189.4 156.0 234.0
 98 63.4 48.7 73.1





#13

Acrolein

Concen: 88.368 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

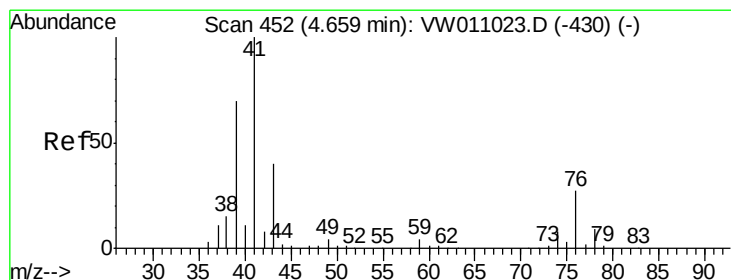
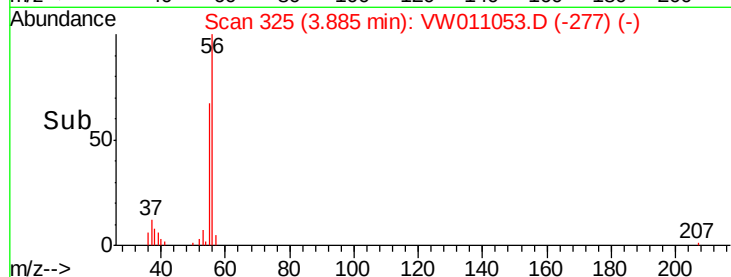
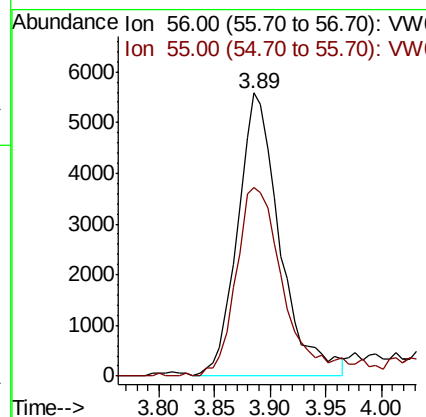
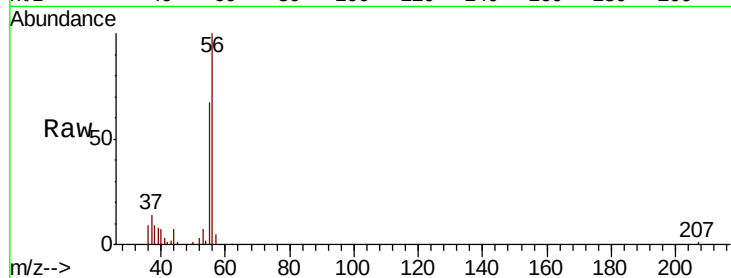
VW0629SBSD01

Tot Ion: 56 Resp: 14713

Ion Ratio Lower Upper

56 100

55 73.0 55.7 83.5



#14

Allyl chloride

Concen: 19.597 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

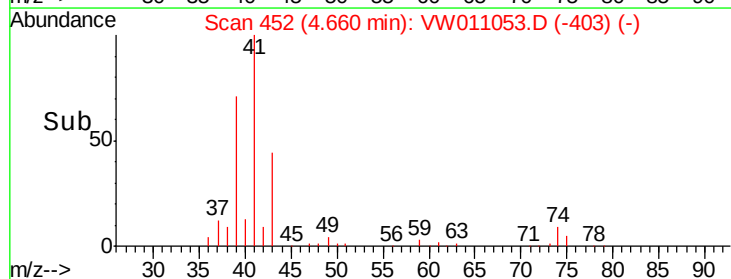
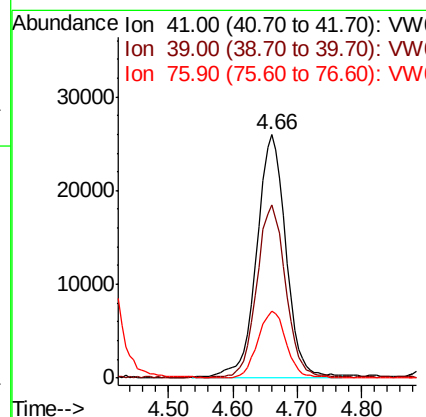
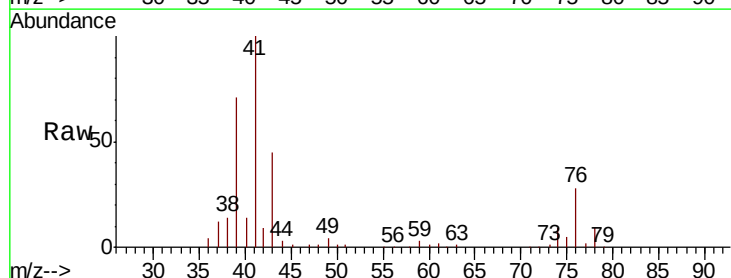
Tgt Ion: 41 Resp: 80290

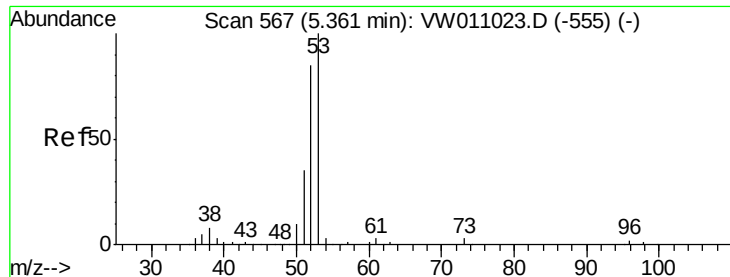
Ion Ratio Lower Upper

41 100

39 70.3 55.4 83.2

76 26.9 22.0 33.0

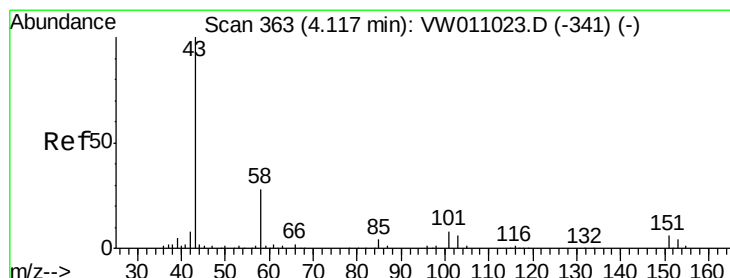
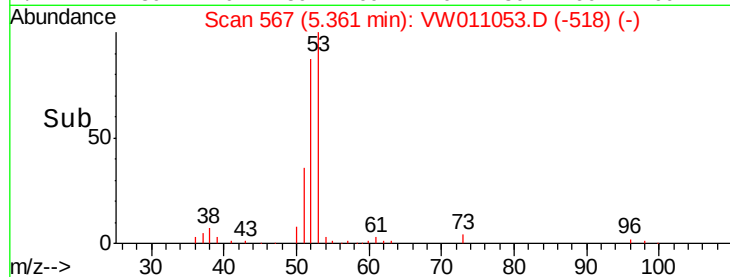
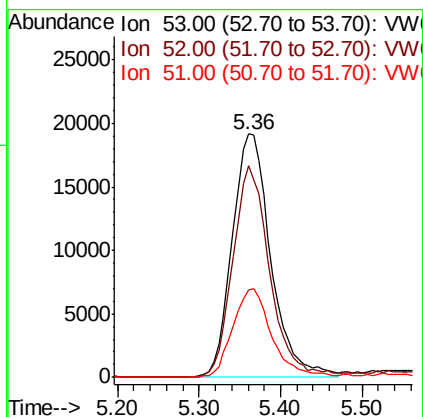
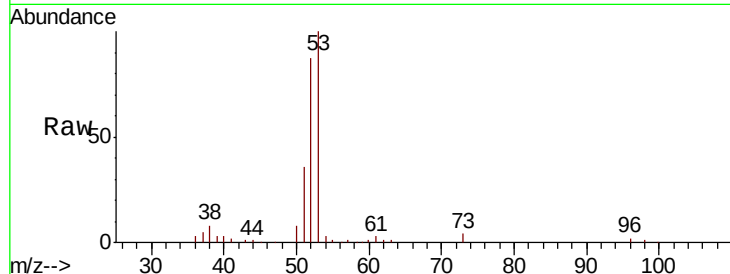




#15
 Acrylonitrile
 Concen: 92.692 ug/l
 RT: 5.36 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VW011053.D
 Acq: 28 Jun 2019 11:39

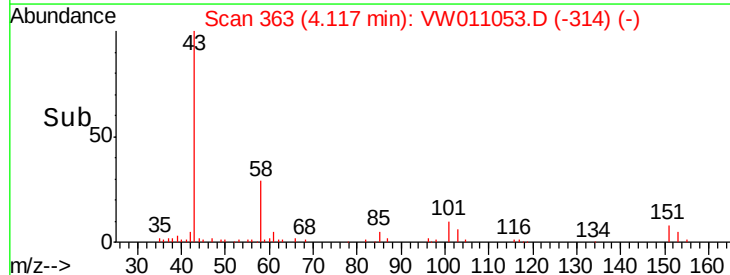
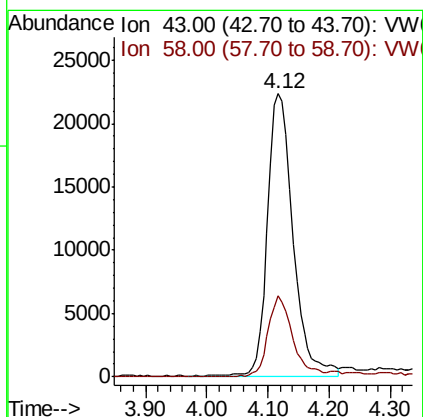
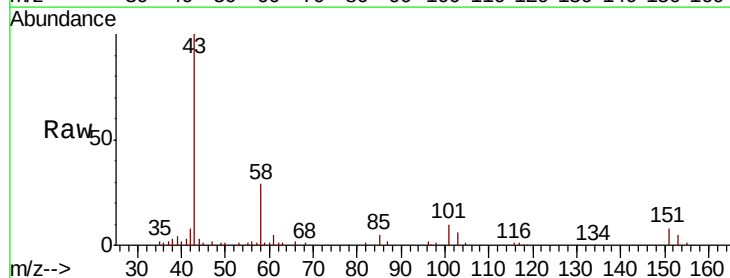
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBSD01

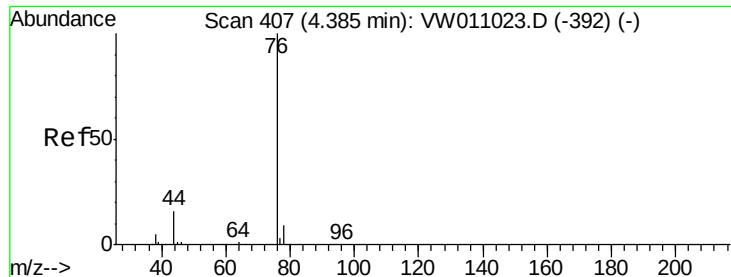
Tot Ion	53	Resp	62859
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.3	99.5
51	36.8	29.8	44.6



#16
 Acetone
 Concen: 89.793 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VW011053.D
 Acq: 28 Jun 2019 11:39

Tgt Ion	43	Resp	64434
Ion	Ratio	Lower	Upper
43	100		
58	28.7	22.5	33.7





#17

Carbon Disulfide

Concen: 19.332 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

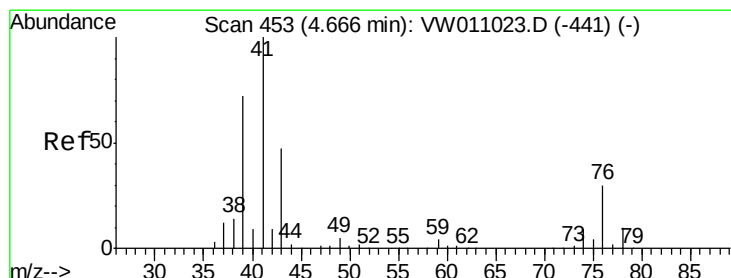
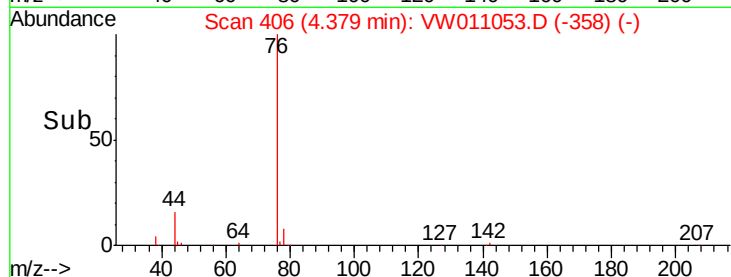
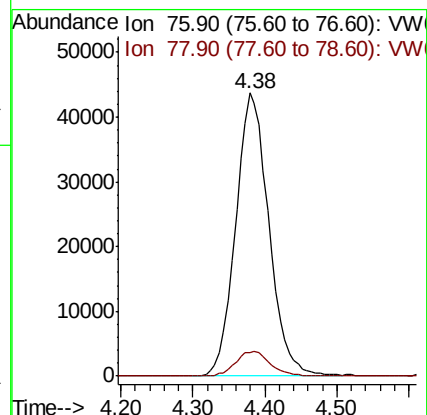
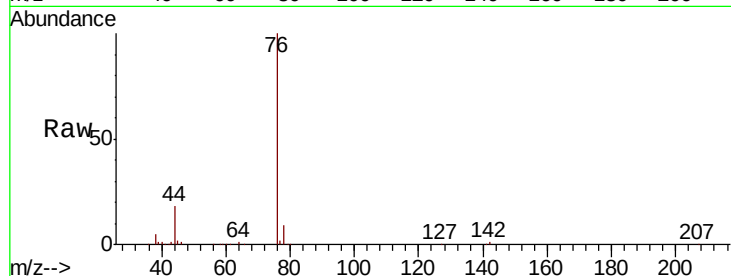
VW0629SBSD01

Tot Ion: 76 Resp: 139610

Ion Ratio Lower Upper

76 100

78 8.5 7.2 10.8



#18

Methyl Acetate

Concen: 19.525 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW011053.D

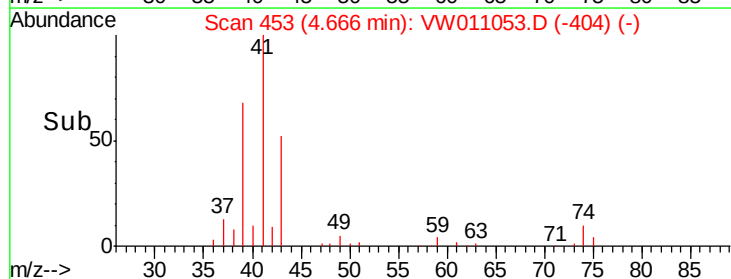
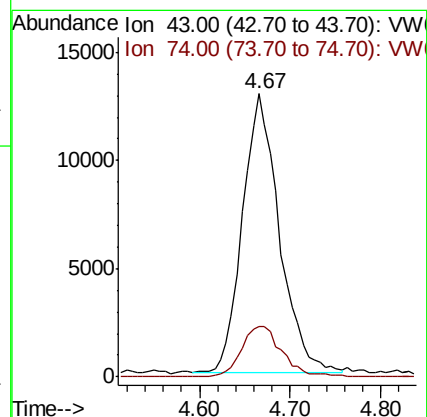
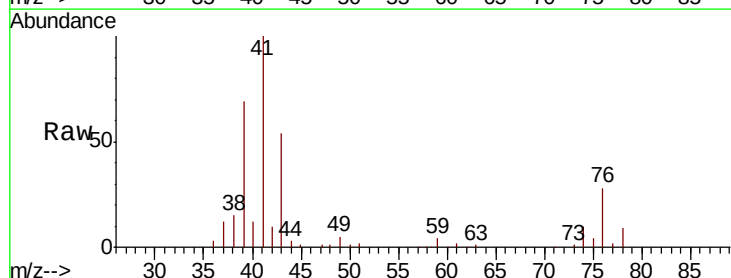
Acq: 28 Jun 2019 11:39

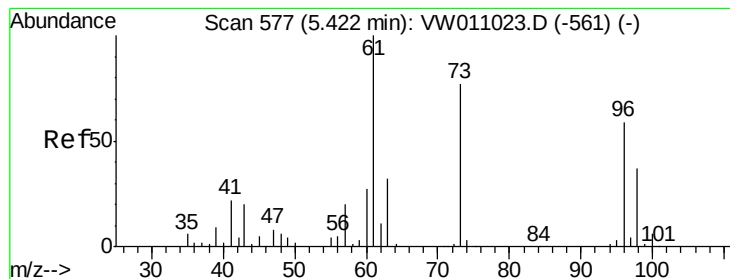
Tgt Ion: 43 Resp: 36293

Ion Ratio Lower Upper

43 100

74 19.9 15.8 23.8



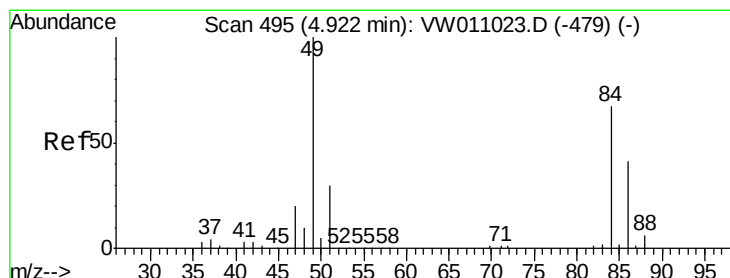
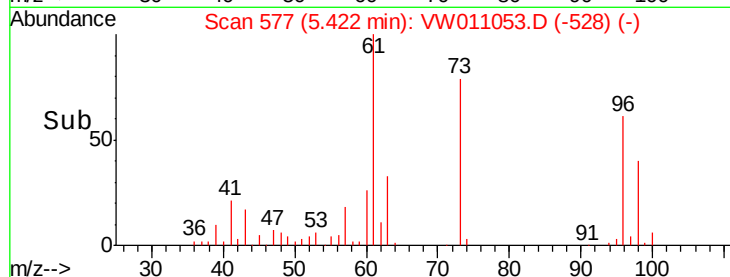
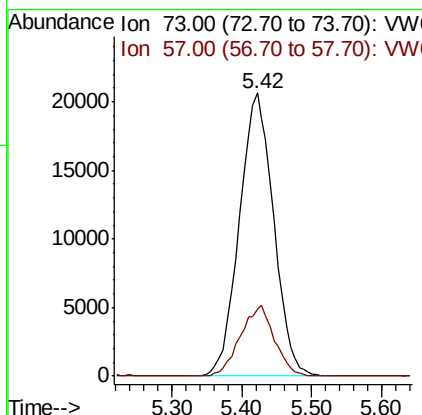
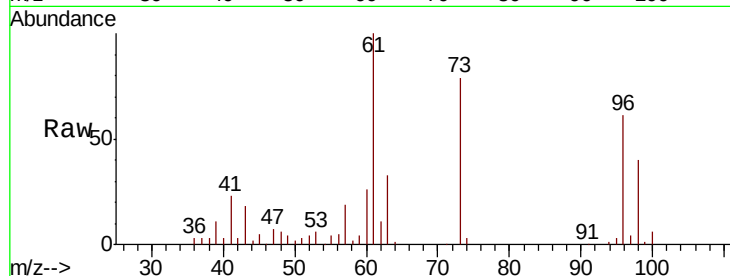


#19

Methyl tert-butyl Ether
 Concen: 19.502 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW011053.D
 Acq: 28 Jun 2019 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

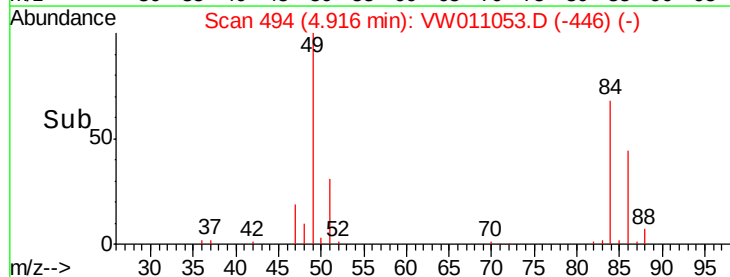
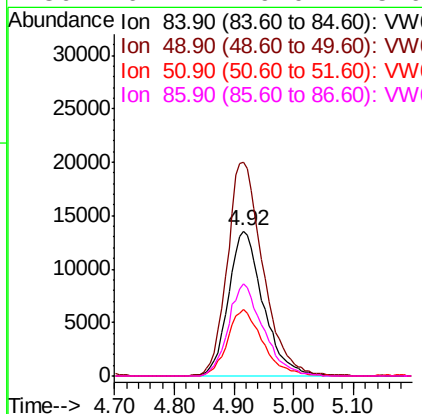
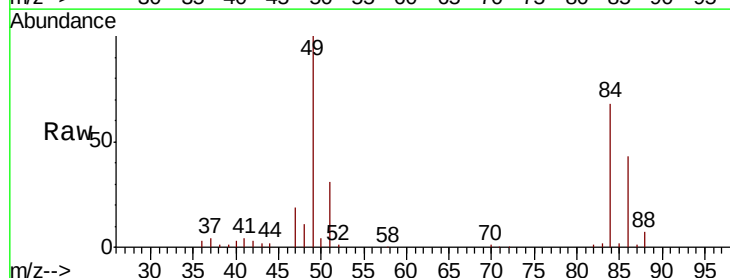
Tot Ion: 73 Resp: 70264
 Ion Ratio Lower Upper
 73 100
 57 23.9 20.8 31.2

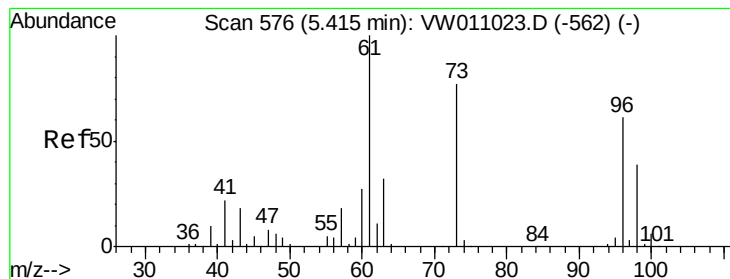


#20

Methylene Chloride
 Concen: 18.881 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW011053.D
 Acq: 28 Jun 2019 11:39

Tgt Ion: 84 Resp: 55047
 Ion Ratio Lower Upper
 84 100
 49 147.5 119.6 179.4
 51 46.0 35.6 53.4
 86 64.1 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 19.564 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBSD01

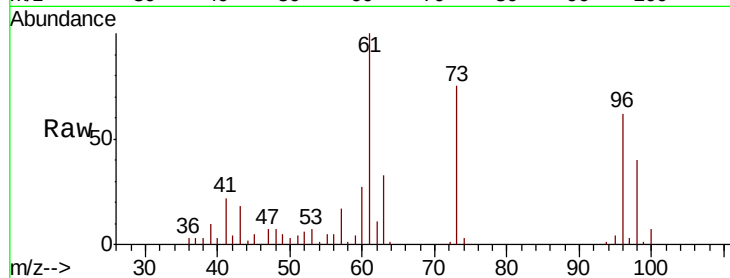
Tot Ion: 96 Resp: 51318

Ion Ratio Lower Upper

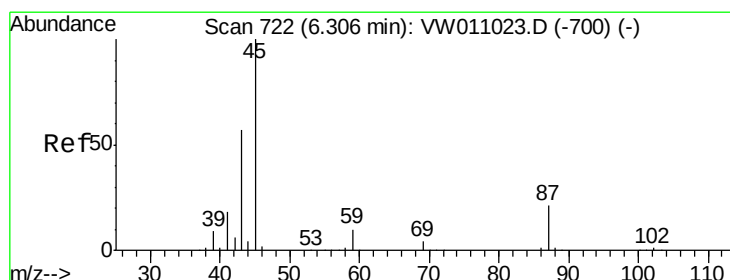
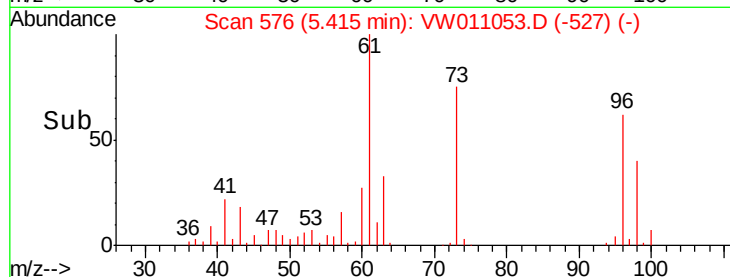
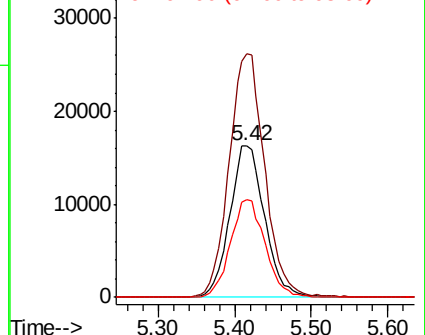
96 100

61 160.2 131.0 196.4

98 64.0 50.8 76.2



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



#22

Diisopropyl ether

Concen: 19.563 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Tgt Ion: 45 Resp: 192878

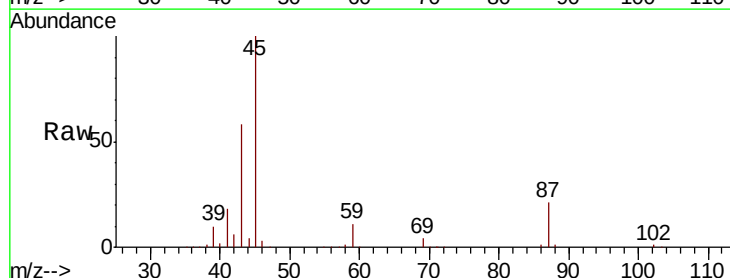
Ion Ratio Lower Upper

45 100

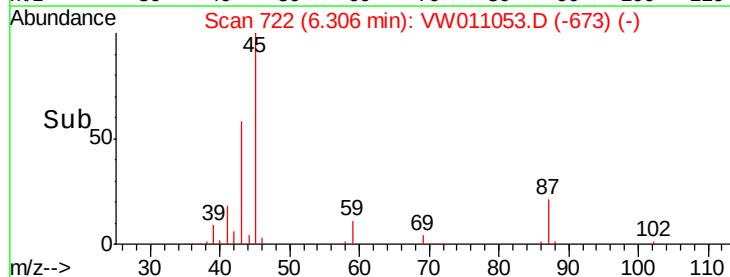
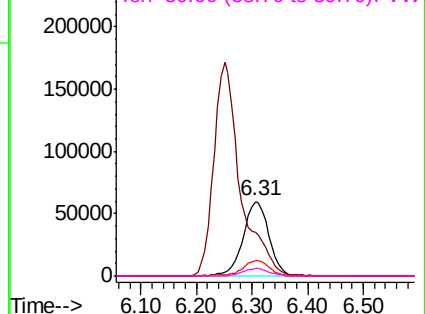
43 57.5 45.8 68.6

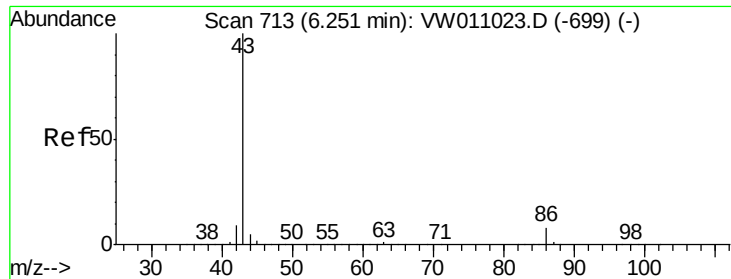
87 20.8 17.1 25.7

59 11.2 8.2 12.4



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





#23

Vinyl Acetate

Concen: 93.454 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

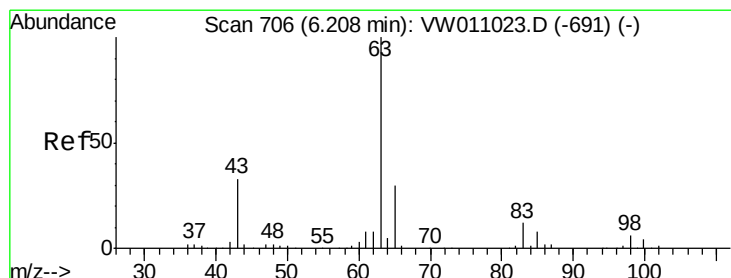
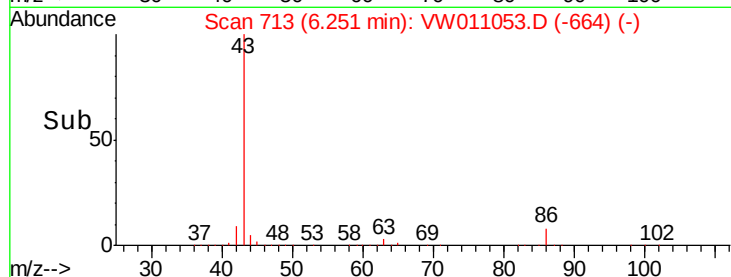
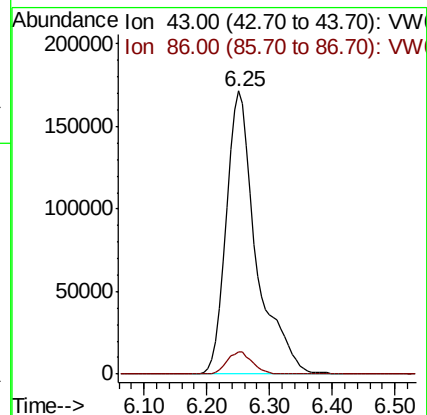
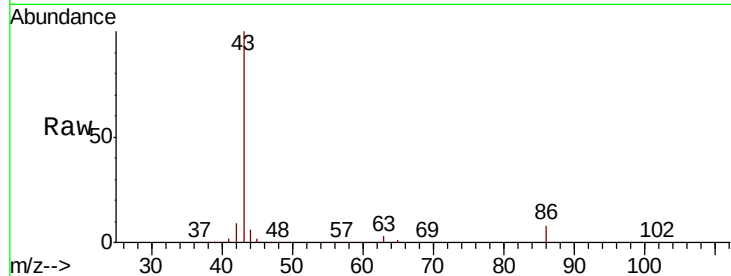
VW0629SBSD01

Tot Ion: 43 Resp: 567719

Ion Ratio Lower Upper

43 100

86 7.9 6.6 10.0



#24

1,1-Dichloroethane

Concen: 19.552 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

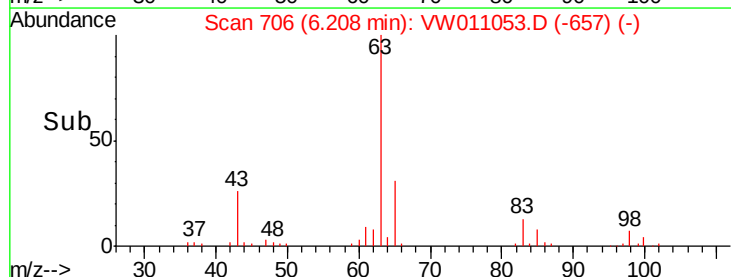
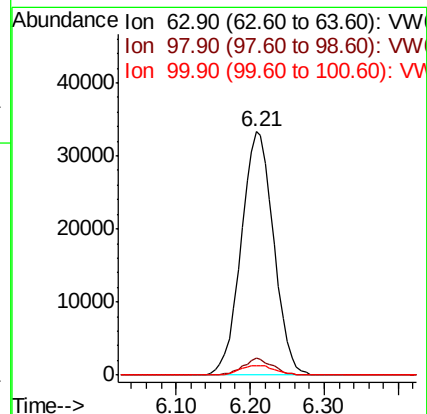
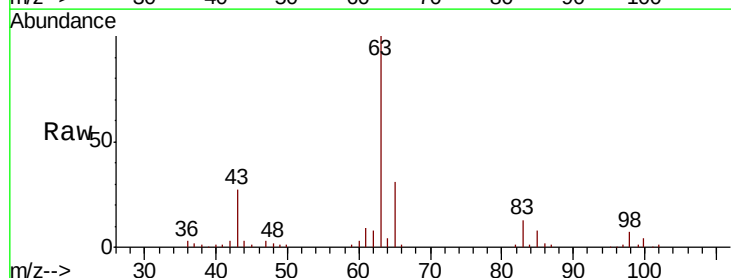
Tgt Ion: 63 Resp: 101750

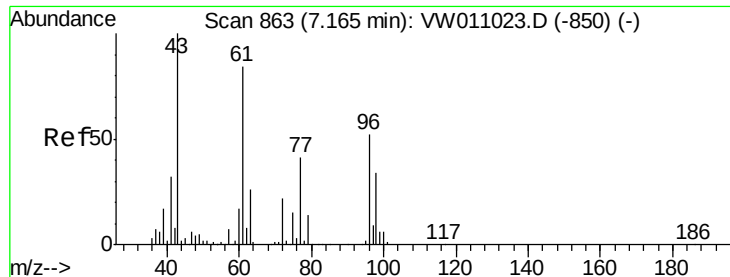
Ion Ratio Lower Upper

63 100

98 7.0 3.1 9.4

100 4.0 2.1 6.2





#25

2-Butanone

Concen: 89.414 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

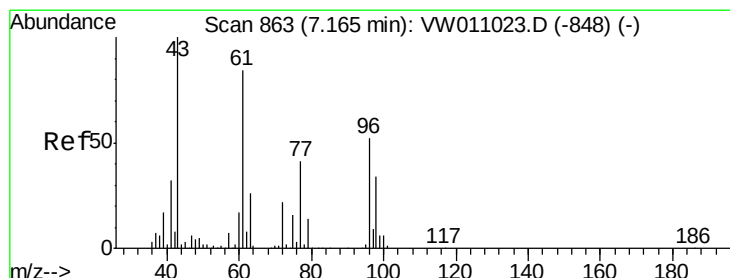
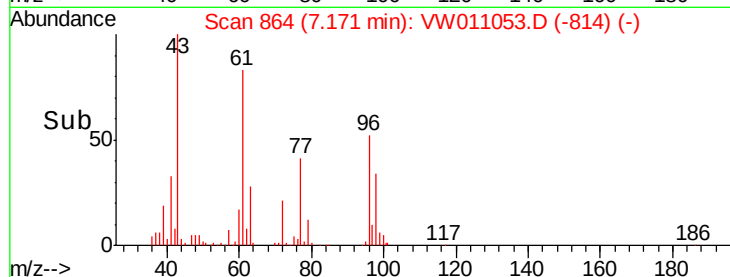
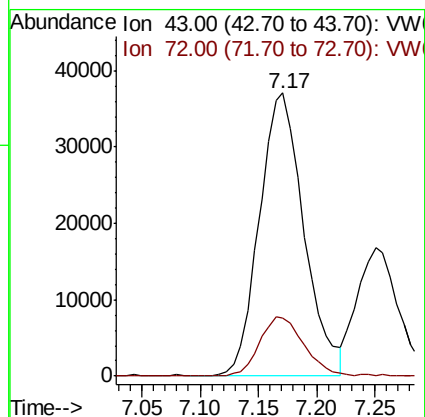
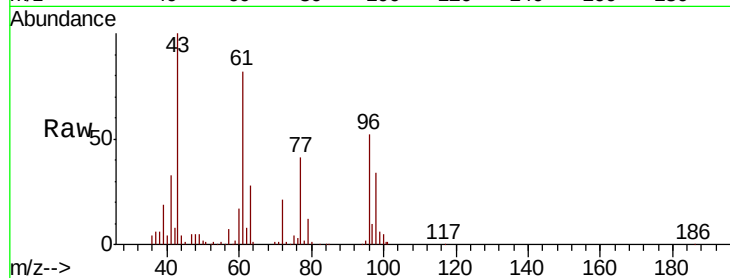
VW0629SBSD01

Tot Ion: 43 Resp: 97528

Ion Ratio Lower Upper

43 100

72 20.7 17.2 25.8



#26

2,2-Dichloropropane

Concen: 18.514 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011053.D

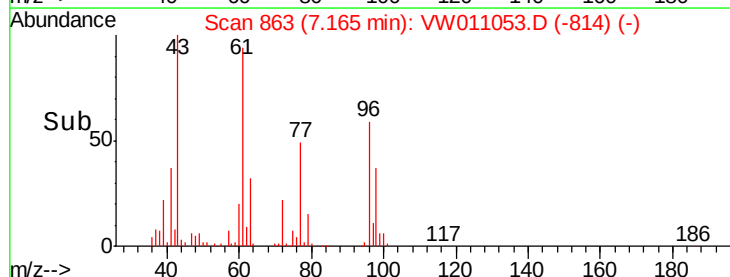
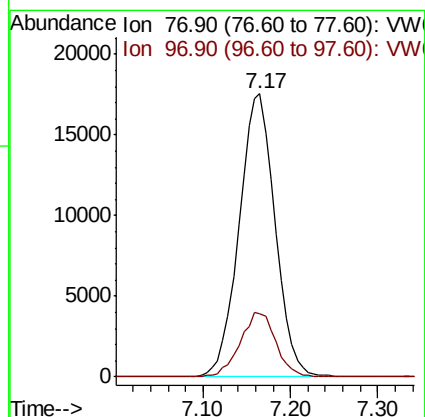
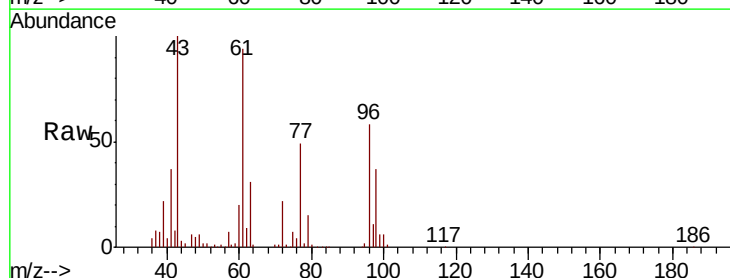
Acq: 28 Jun 2019 11:39

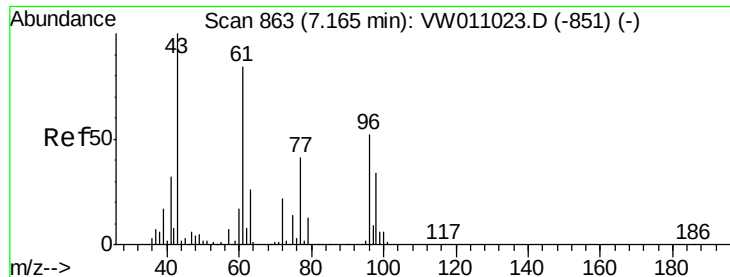
Tgt Ion: 77 Resp: 50025

Ion Ratio Lower Upper

77 100

97 22.4 10.9 32.7



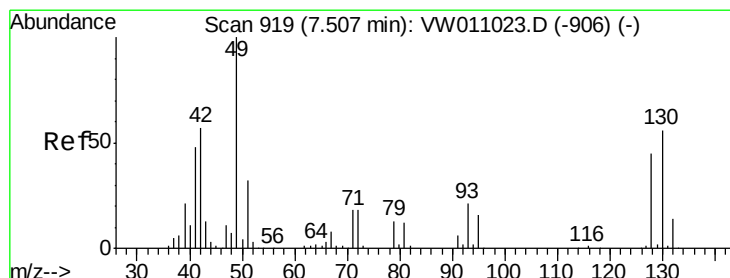
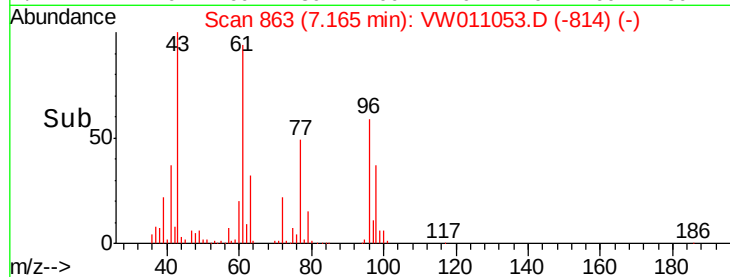
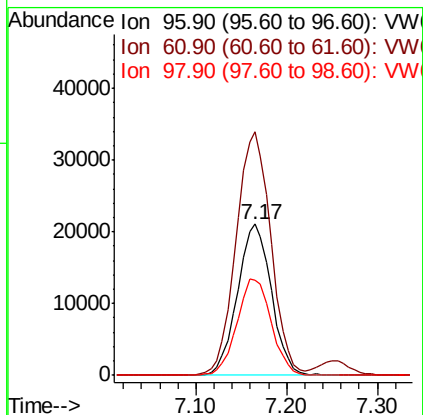
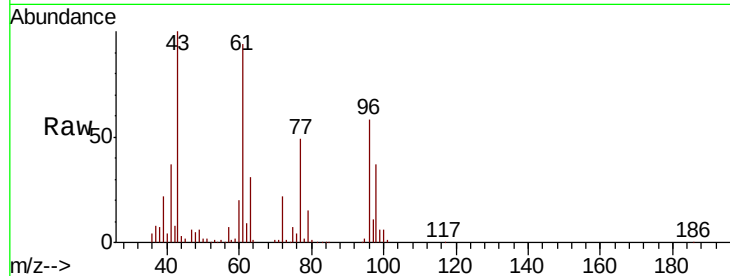


#27

cis-1,2-Dichloroethene
Concen: 19.368 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBSD01

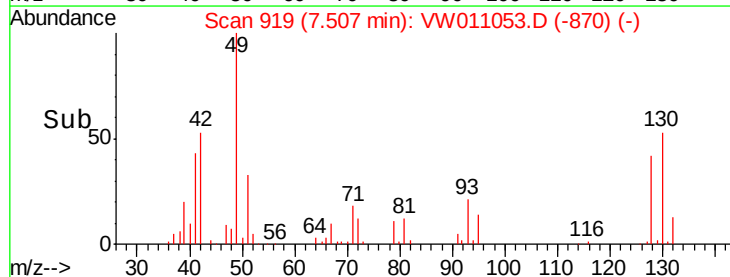
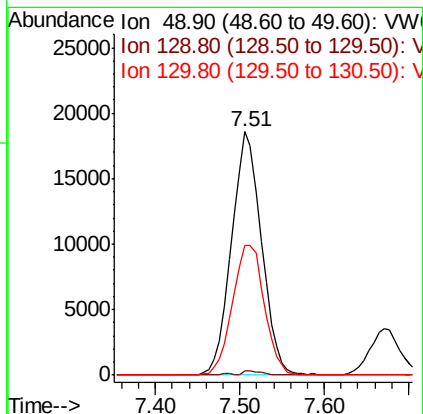
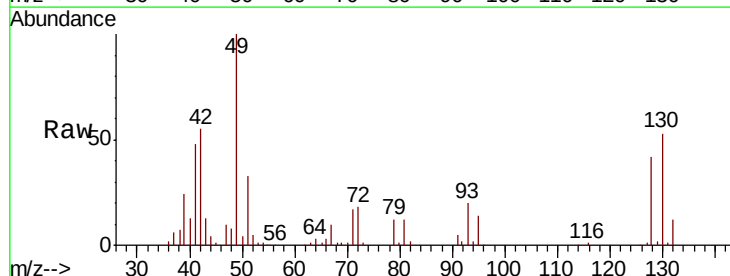
Tot Ion: 96 Resp: 54700
Ion Ratio Lower Upper
96 100
61 165.4 0.0 330.4
98 64.6 0.0 129.4

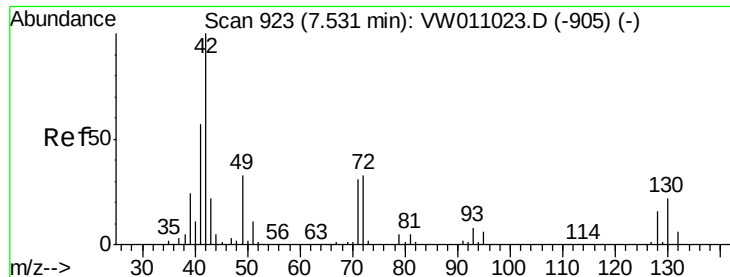


#28

Bromochloromethane
Concen: 18.436 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

Tgt Ion: 49 Resp: 44665
Ion Ratio Lower Upper
49 100
129 1.0 0.0 3.4
130 56.7 46.1 69.1

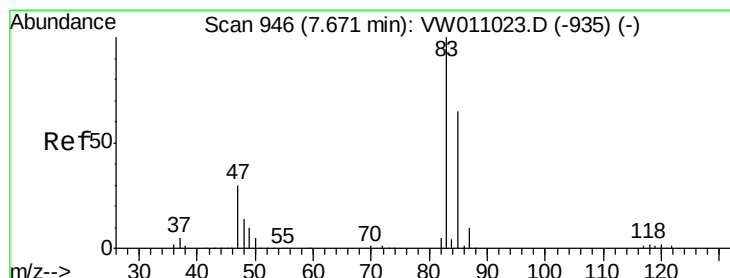
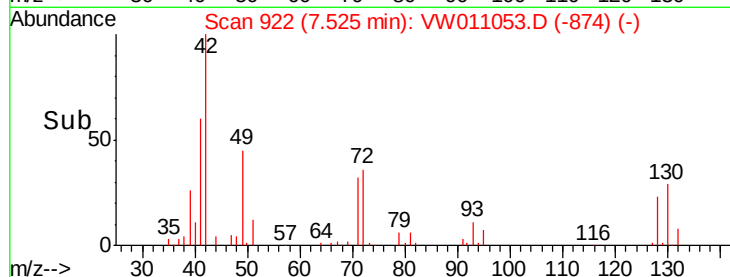
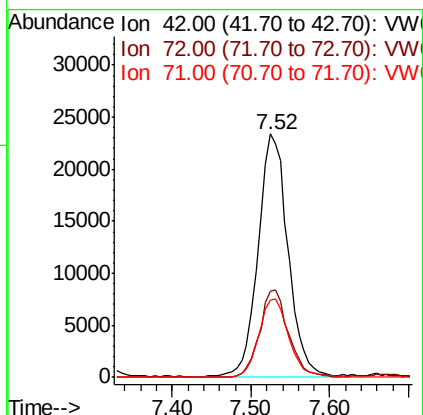
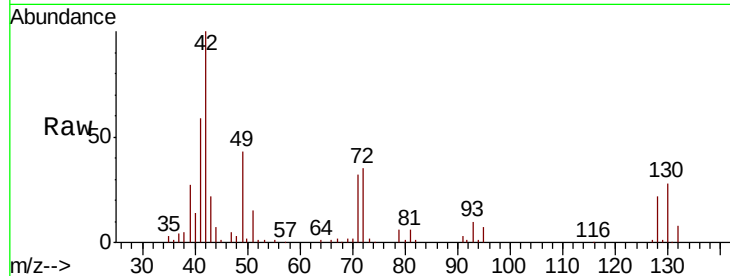




#29
Tetrahydrofuran
Concen: 90.598 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

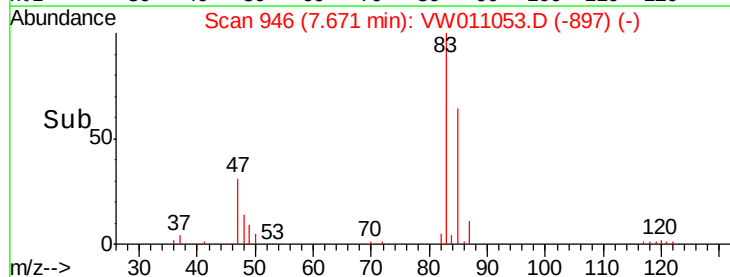
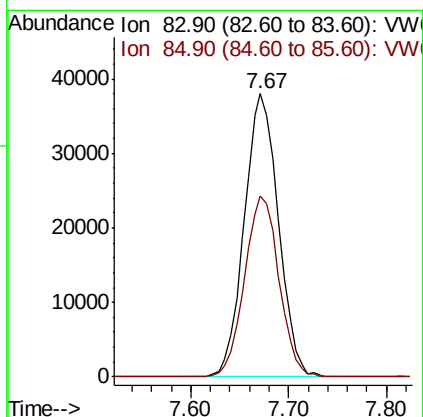
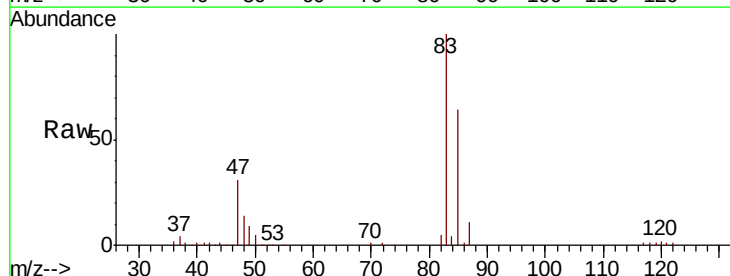
Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

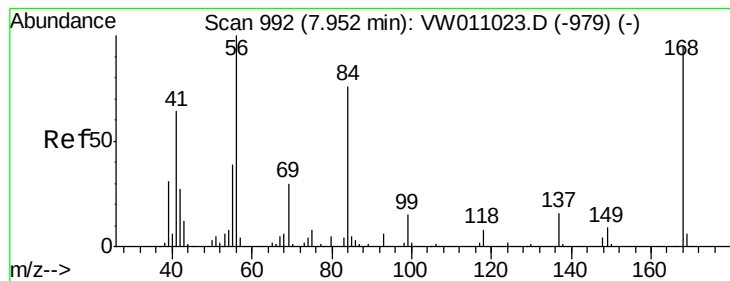
Tot Ion: 42 Resp: 61516
Ion Ratio Lower Upper
42 100
72 34.8 27.4 41.0
71 32.4 25.6 38.4



#30
Chloroform
Concen: 19.421 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

Tgt Ion: 83 Resp: 91820
Ion Ratio Lower Upper
83 100
85 64.2 52.2 78.4





#31

Cyclohexane

Concen: 19.808 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBSD01

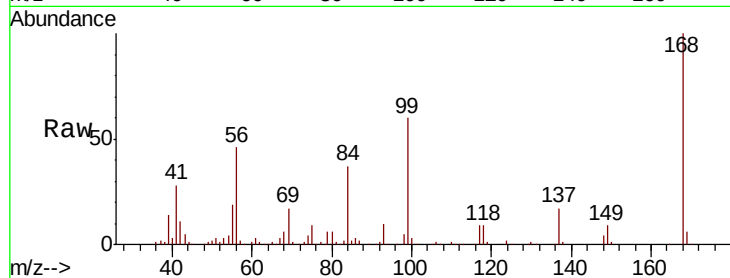
Tot Ion: 56 Resp: 111388

Ion Ratio Lower Upper

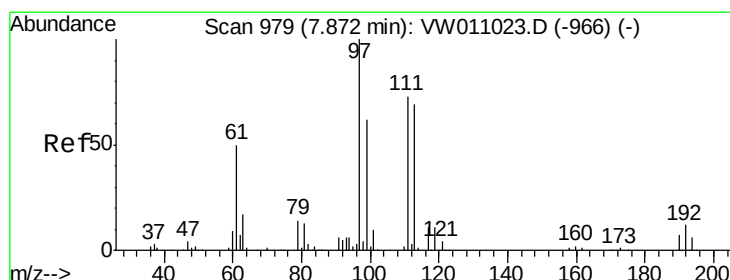
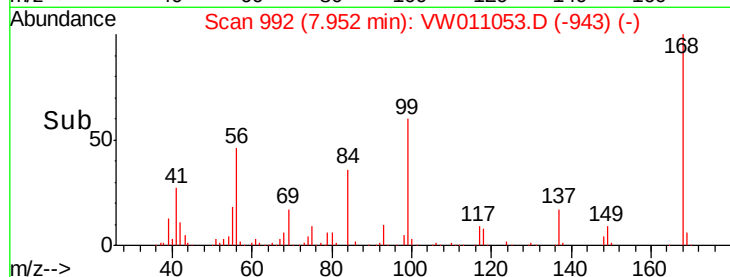
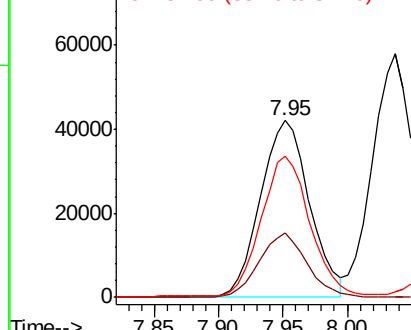
56 100

69 36.2 24.2 36.2#

84 79.1 60.6 90.8



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



#32

1,1,1-Trichloroethane

Concen: 19.796 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

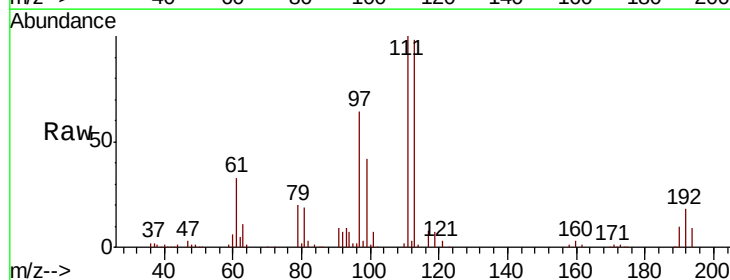
Tgt Ion: 97 Resp: 69939

Ion Ratio Lower Upper

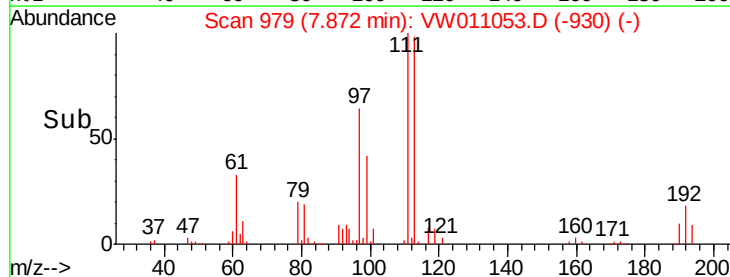
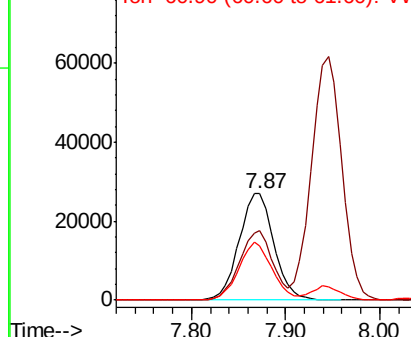
97 100

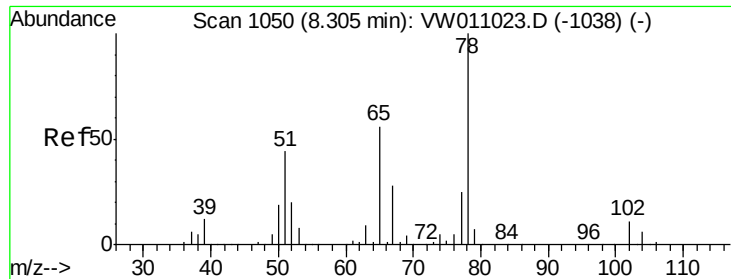
99 62.3 51.1 76.7

61 52.0 41.4 62.2



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

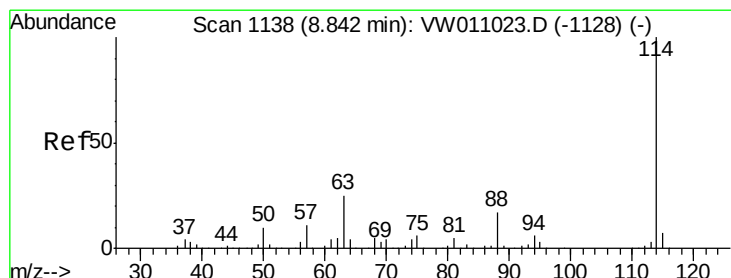
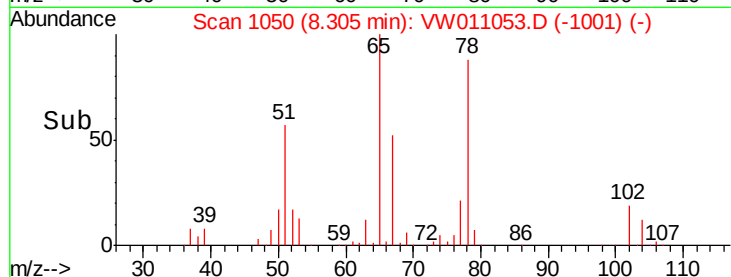
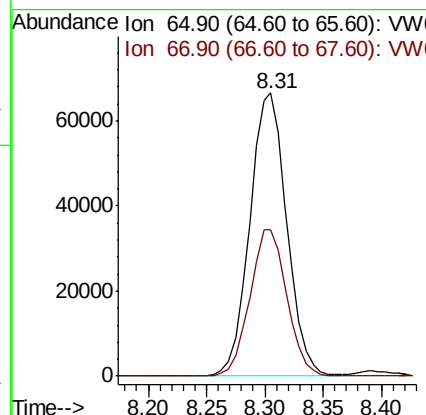
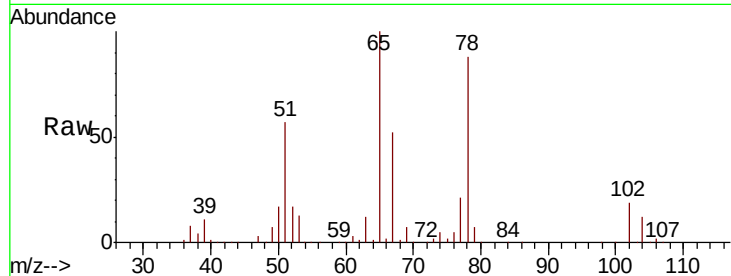




#33
 1,2-Dichloroethane-d4
 Concen: 50.053 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011053.D
 Acq: 28 Jun 2019 11:39

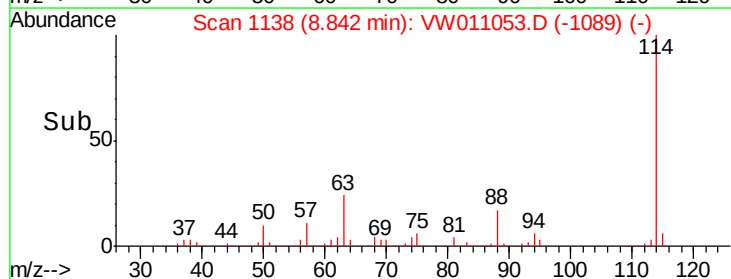
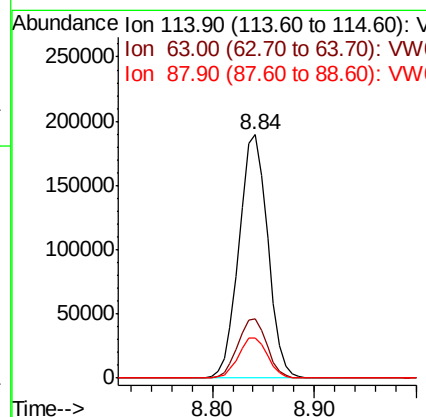
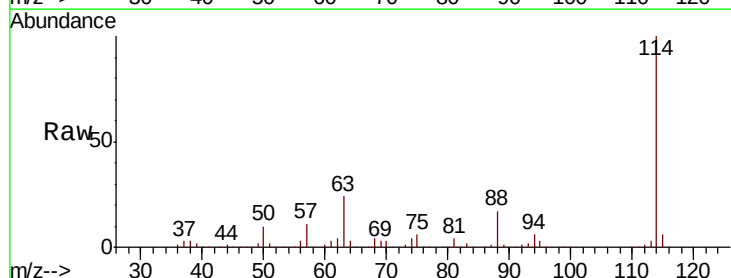
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBSD01

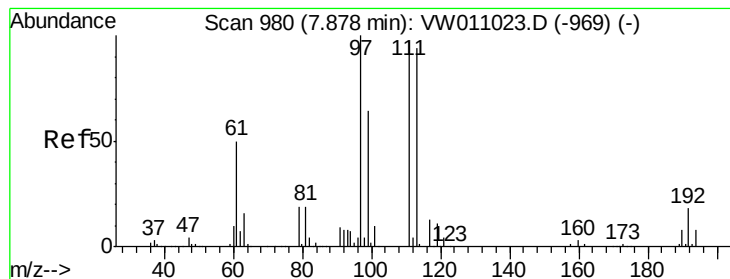
Tot Ion: 65 Resp: 147144
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011053.D
 Acq: 28 Jun 2019 11:39

Tgt Ion: 114 Resp: 369398
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 50.6
 88 16.6 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.042 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBSD01

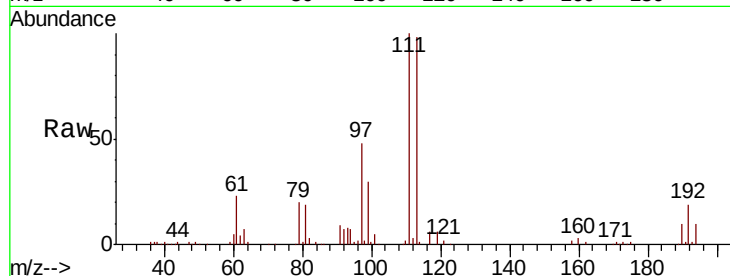
Tot Ion:113 Resp: 112880

Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

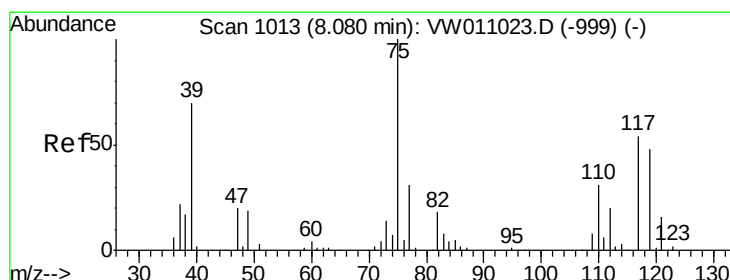
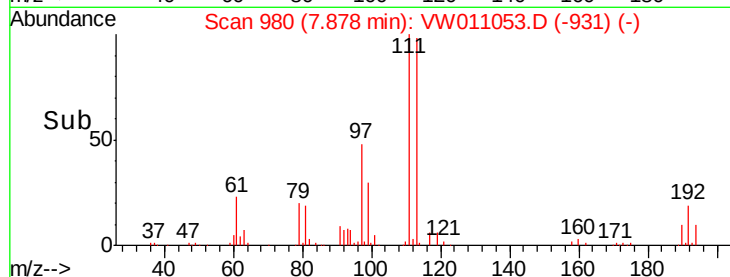
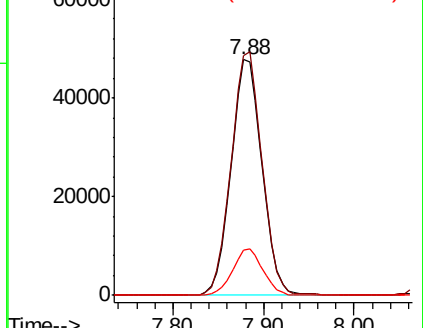
192 19.3 16.0 24.0



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: 20.003 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

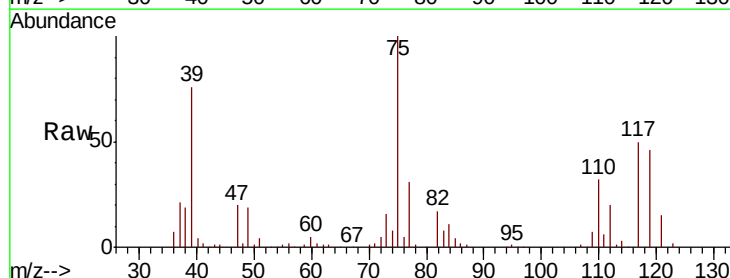
Tgt Ion: 75 Resp: 79420

Ion Ratio Lower Upper

75 100

110 31.2 15.5 46.5

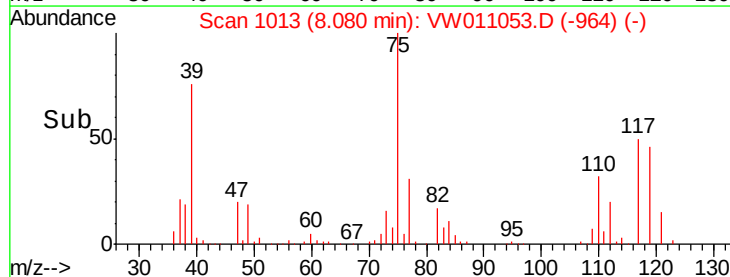
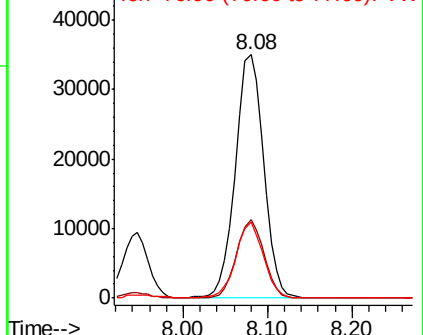
77 30.5 24.9 37.3

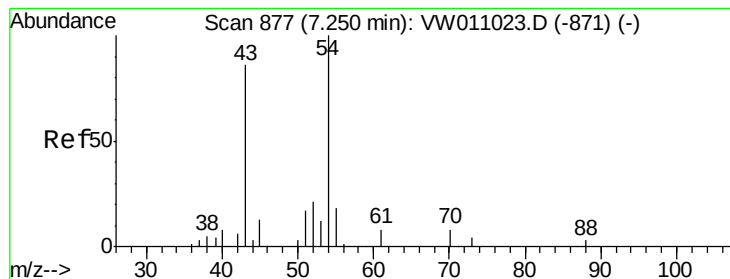


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 18.471 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

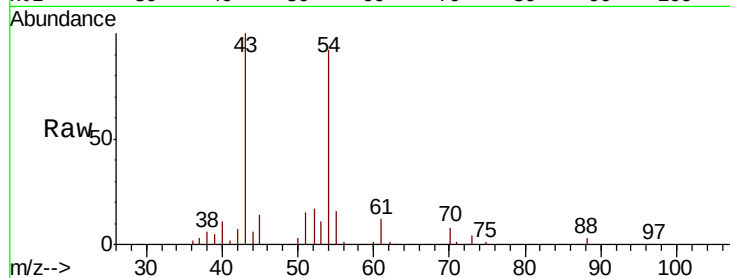
Tot Ion: 43 Resp: 42664

Ion Ratio Lower Upper

43 100

61 12.2 9.0 13.4

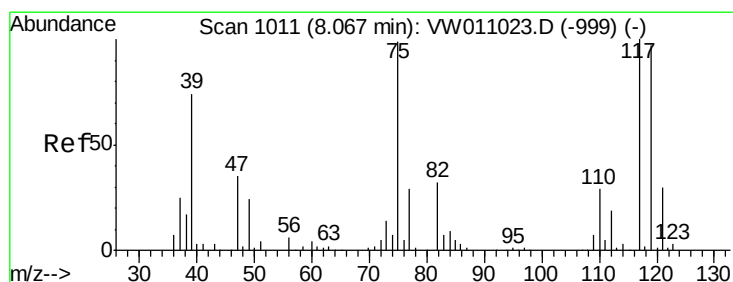
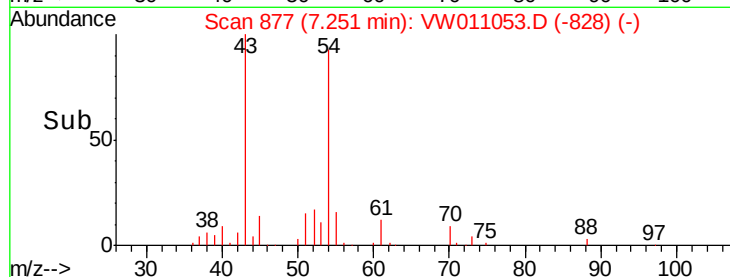
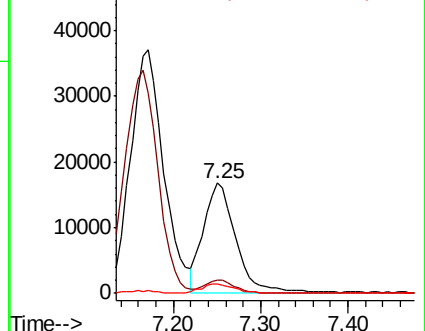
70 8.8 7.2 10.8



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: 19.568 ug/l

RT: 8.06 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

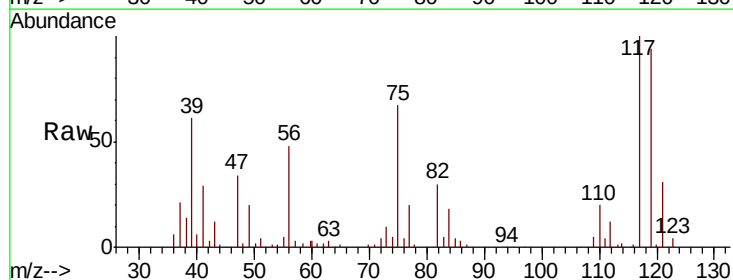
Tgt Ion: 117 Resp: 63981

Ion Ratio Lower Upper

117 100

119 94.1 77.7 116.5

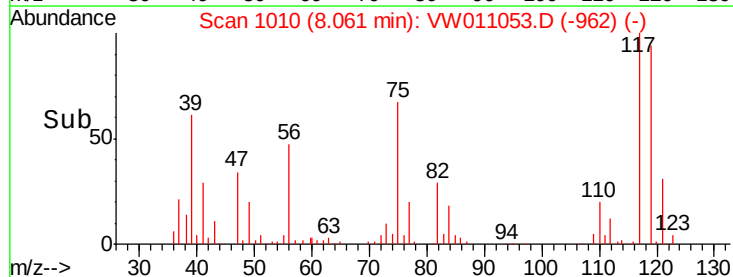
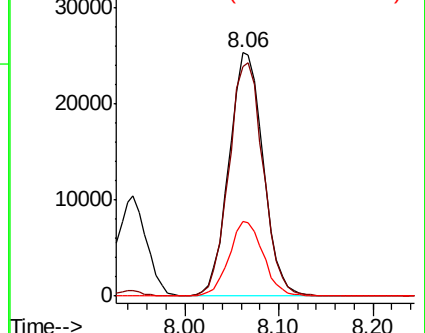
121 30.7 23.9 35.9

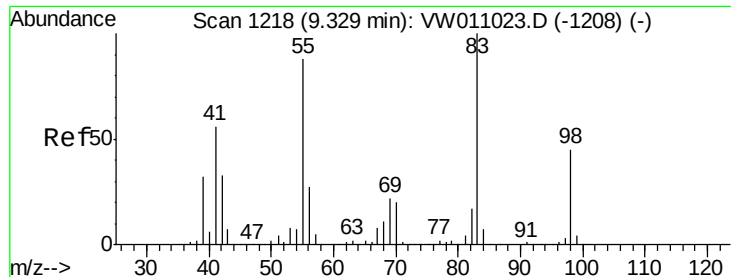


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

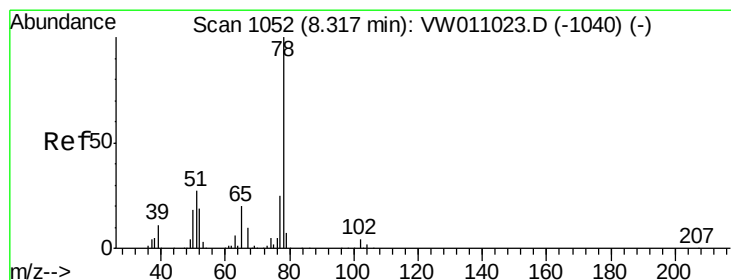
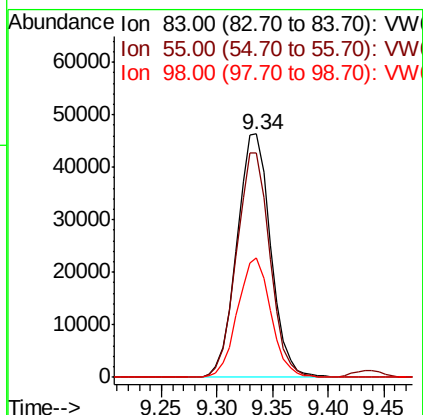
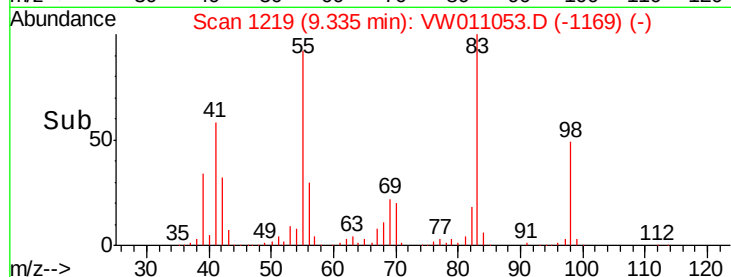
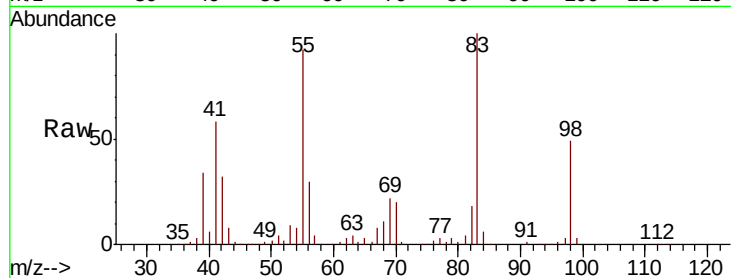




#39
Methylvlcyclohexane
Concen: 19.992 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

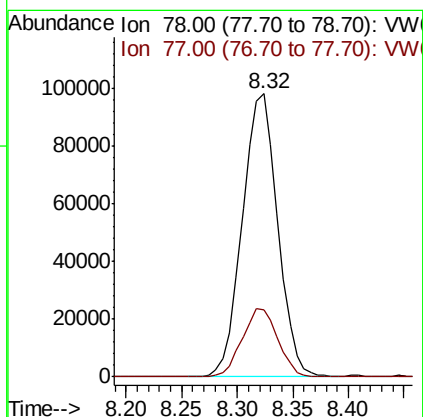
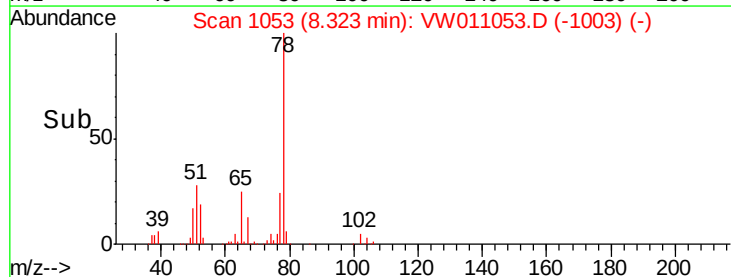
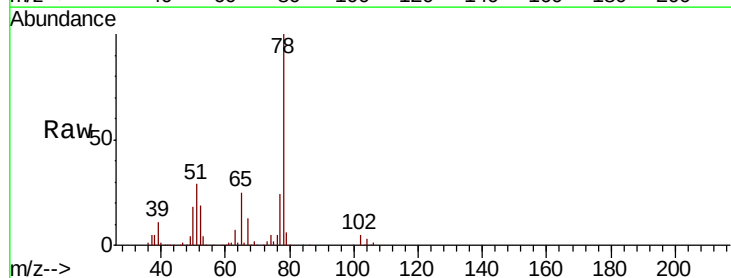
Instrument :
MSVOA_W
ClientSampleId :
VW0629SBSD01

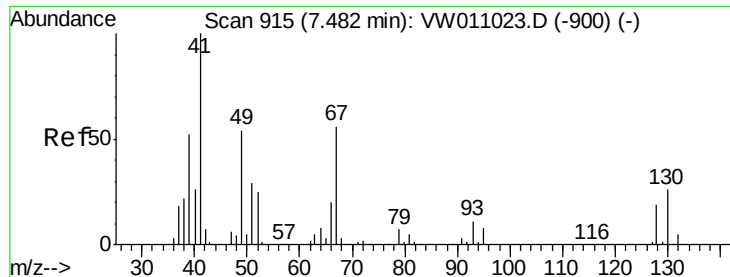
Tot Ion: 83 Resp: 97684
Ion Ratio Lower Upper
83 100
55 92.4 70.7 106.1
98 48.8 36.4 54.6



#40
Benzene
Concen: 19.933 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

Tgt Ion: 78 Resp: 217675
Ion Ratio Lower Upper
78 100
77 23.7 19.7 29.5

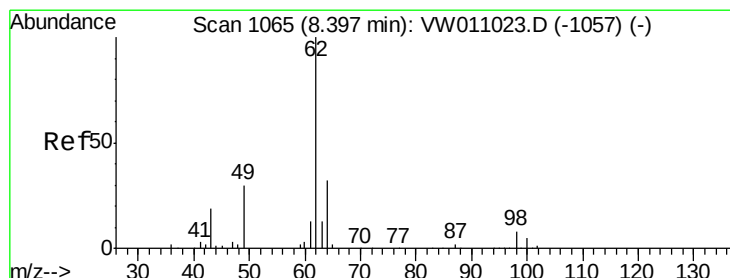
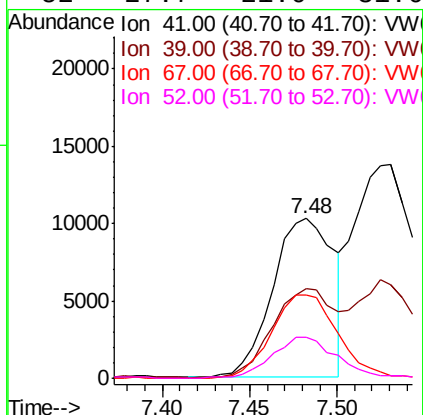
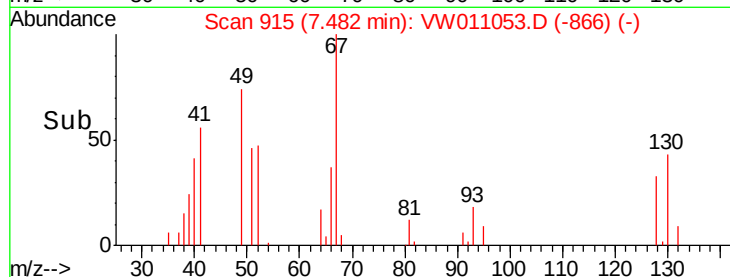
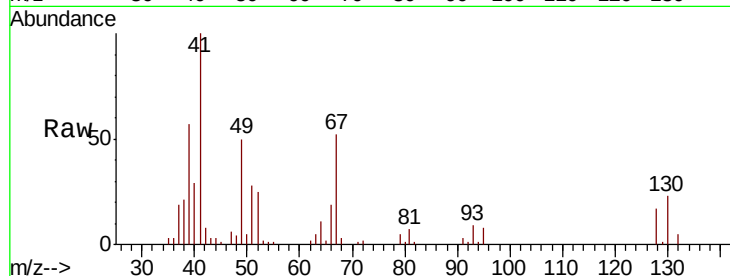




#41
Methacrylonitrile
Concen: 17.809 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

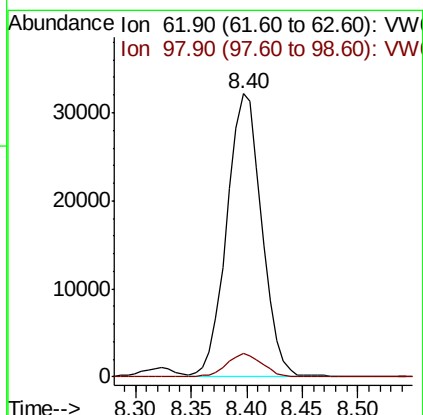
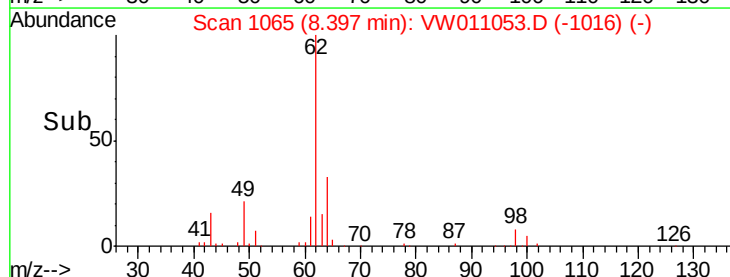
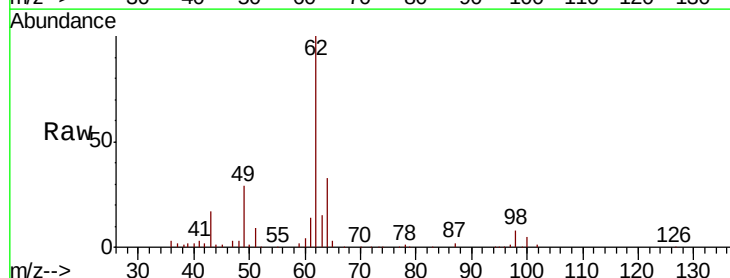
Instrument :
MSVOA_W
ClientSampleId :
VW0629SBSD01

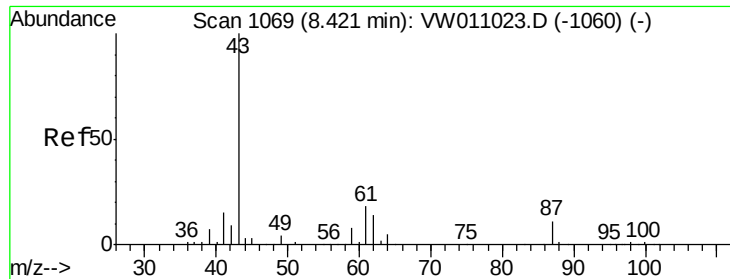
Tot Ion:	41	Resp:	25026
Ion	Ratio	Lower	Upper
41	100		
39	57.1	42.1	63.1
67	57.9	44.2	66.2
52	27.7	21.0	31.6



#42
1,2-Dichloroethane
Concen: 19.553 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

Tgt Ion:	62	Resp:	70010
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.8





#43

Isopropyl Acetate

Concen: 18.391 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

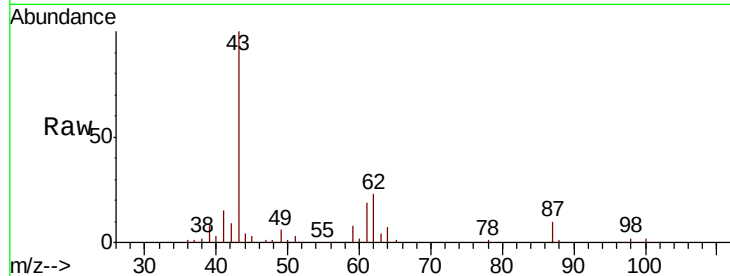
Tot Ion: 43 Resp: 80357

Ion Ratio Lower Upper

43 100

61 27.5 21.0 31.6

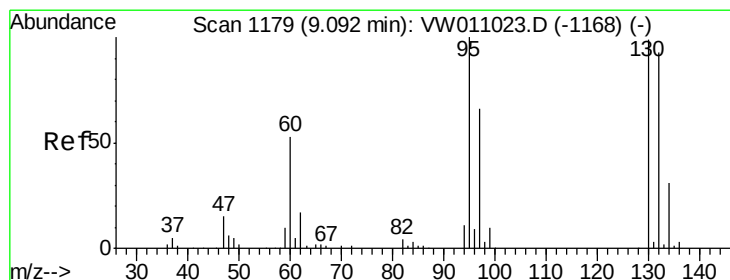
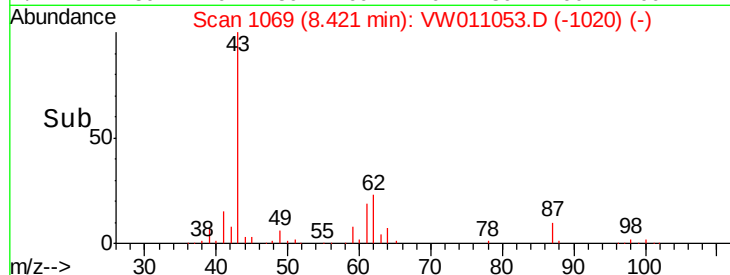
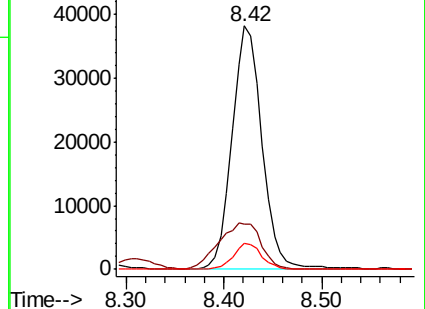
87 10.2 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 19.632 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW011053.D

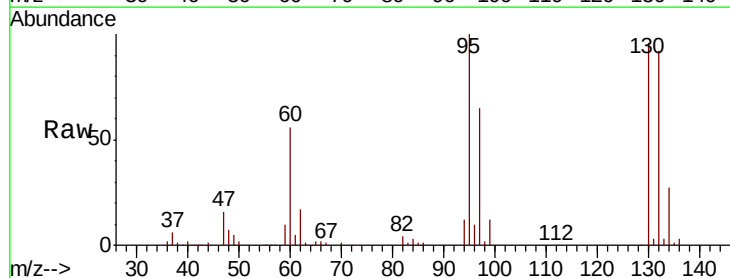
Acq: 28 Jun 2019 11:39

Tgt Ion: 130 Resp: 51812

Ion Ratio Lower Upper

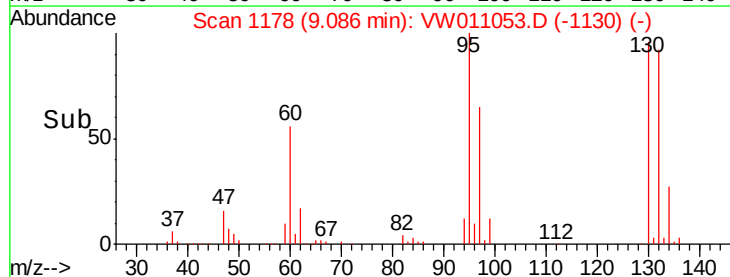
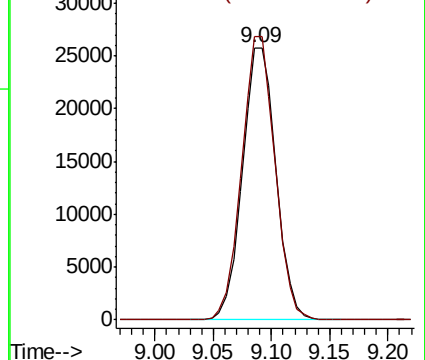
130 100

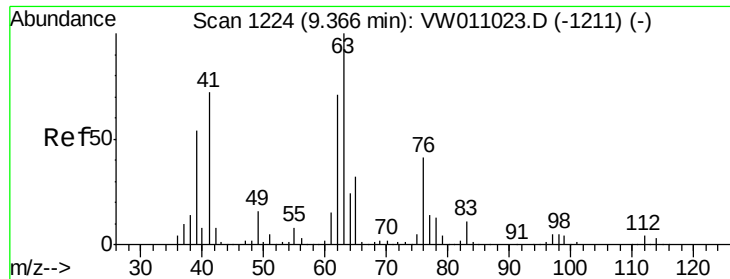
95 103.8 0.0 202.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

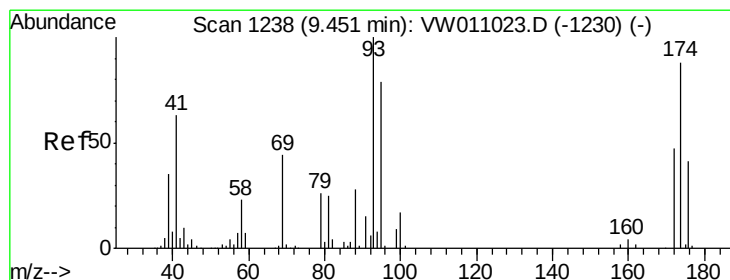
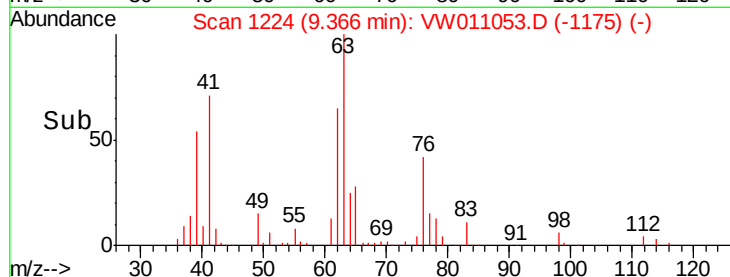
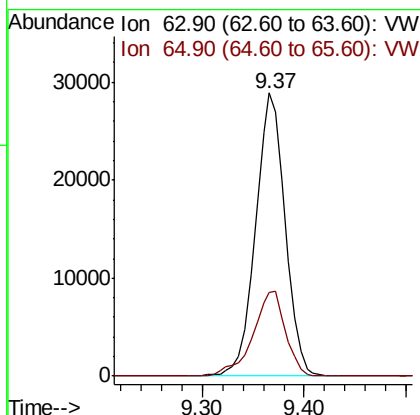
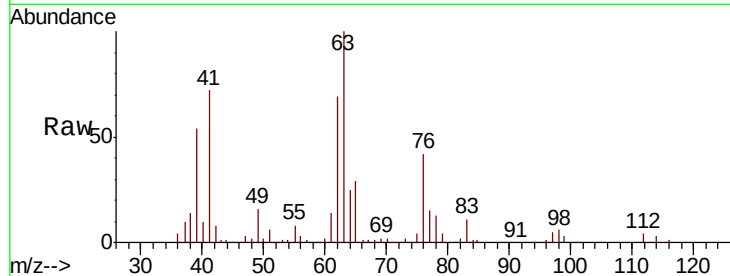




#45
 1,2-Dichloropropane
 Concen: 19.650 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW011053.D
 Acq: 28 Jun 2019 11:39

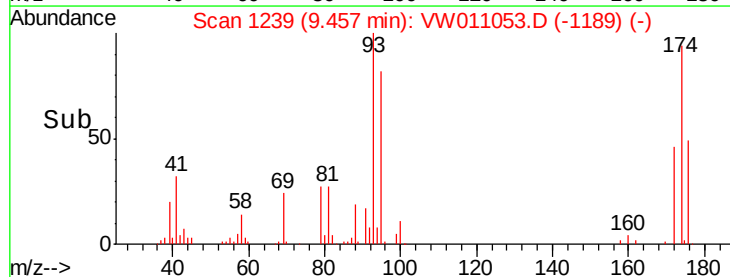
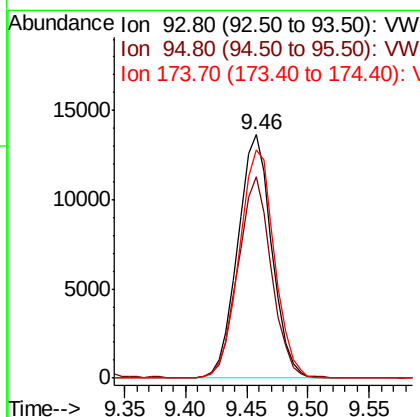
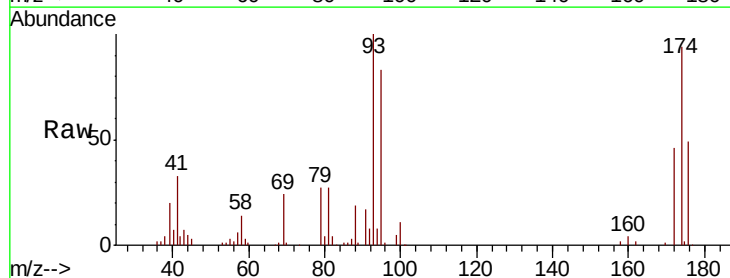
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBSD01

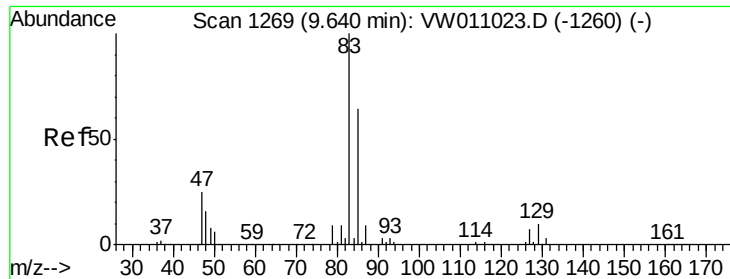
Tot Ion: 63 Resp: 58272
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.6 38.4



#46
 Dibromomethane
 Concen: 18.946 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: VW011053.D
 Acq: 28 Jun 2019 11:39

Tgt Ion: 93 Resp: 26276
 Ion Ratio Lower Upper
 93 100
 95 81.4 65.8 98.6
 174 97.1 75.4 113.0





#47

Bromodichloromethane

Concen: 18.988 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBSD01

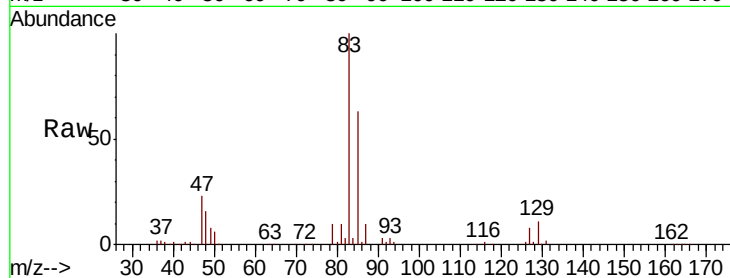
Tot Ion: 83 Resp: 65201

Ion Ratio Lower Upper

83 100

85 62.7 51.0 76.4

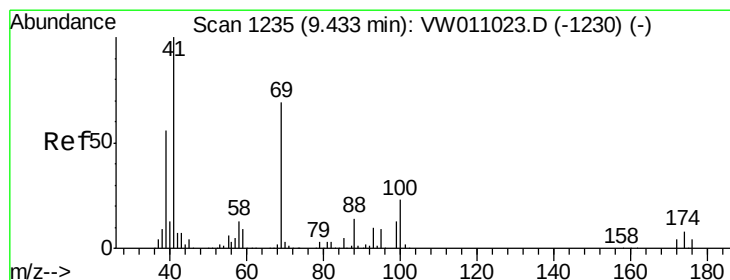
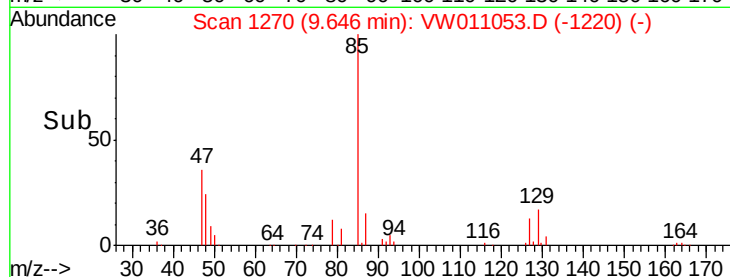
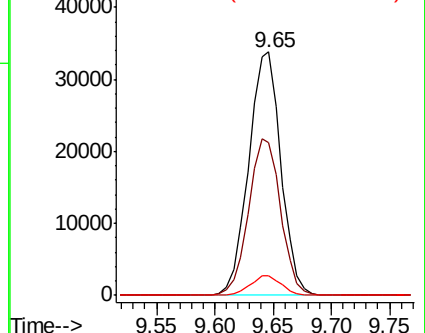
127 8.0 5.8 8.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 18.642 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

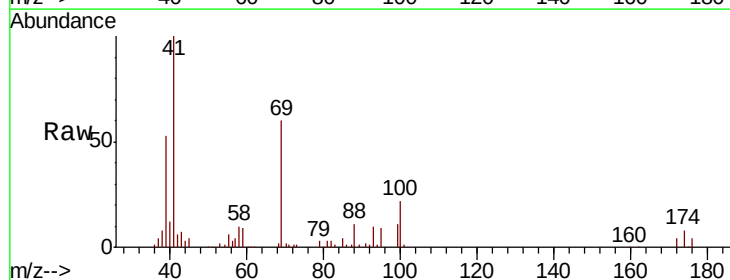
Tgt Ion: 41 Resp: 39494

Ion Ratio Lower Upper

41 100

69 70.7 56.7 85.1

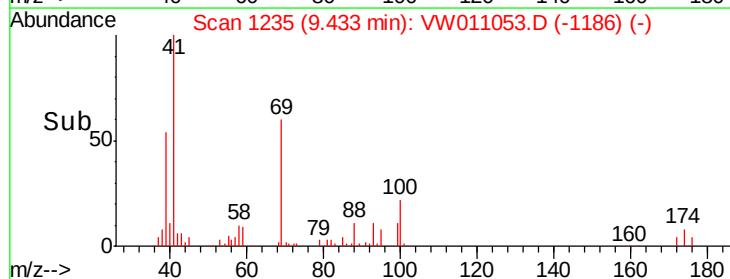
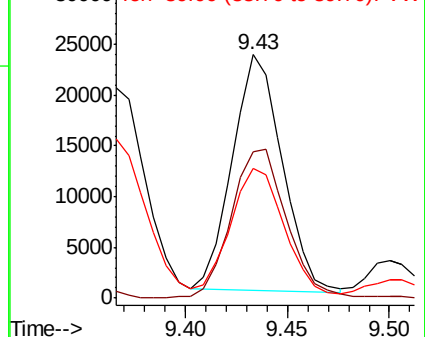
39 56.4 45.0 67.6

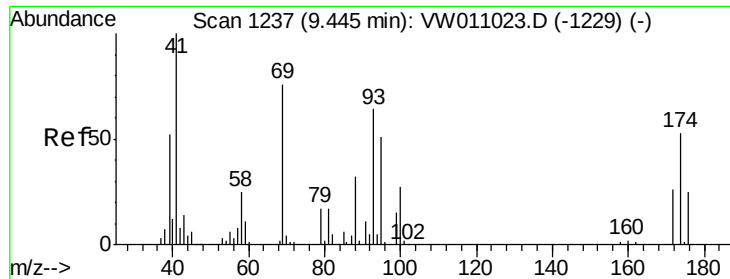


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 344.009 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

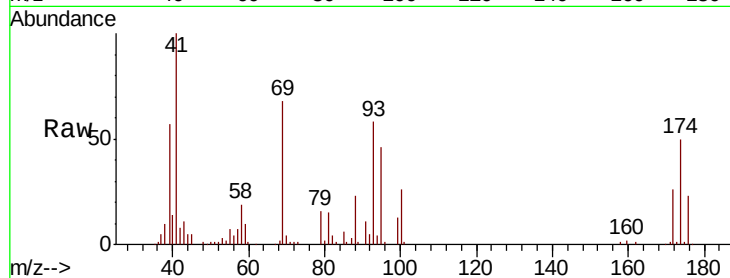
Tot Ion: 88 Resp: 8022

Ion Ratio Lower Upper

88 100

43 44.2 34.4 51.6

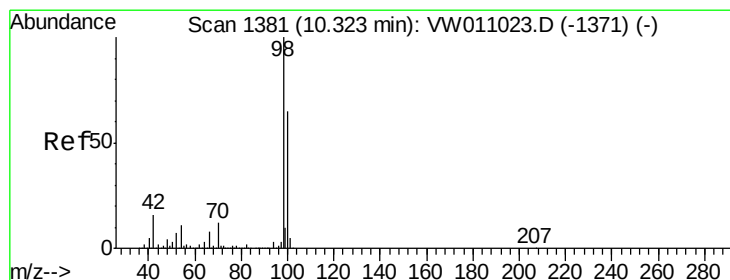
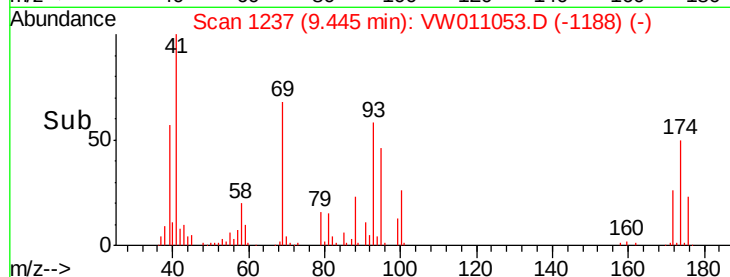
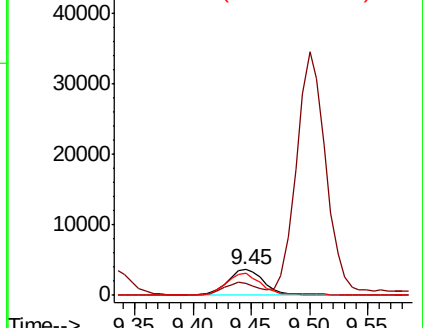
58 87.0 65.2 97.8



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.581 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011053.D

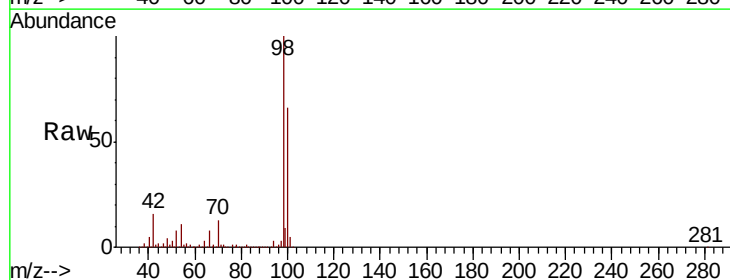
Acq: 28 Jun 2019 11:39

Tgt Ion: 98 Resp: 478936

Ion Ratio Lower Upper

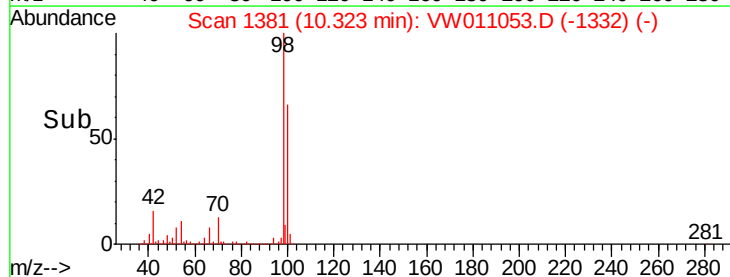
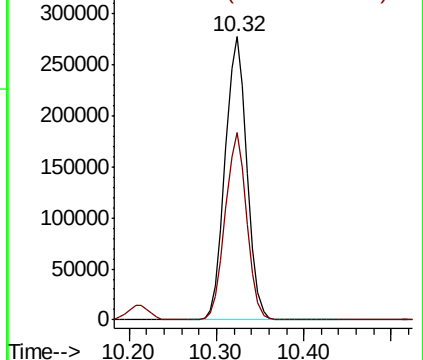
98 100

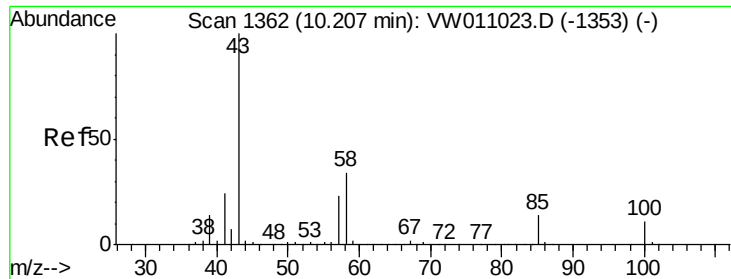
100 65.1 52.3 78.5



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: 91.972 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

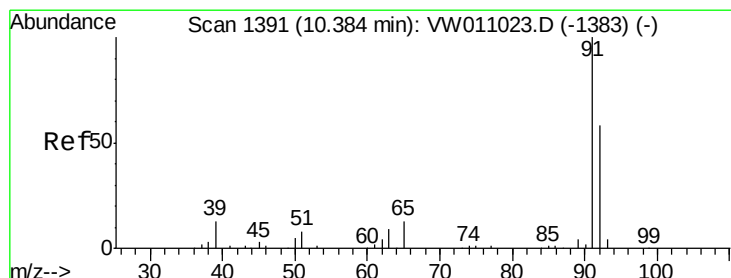
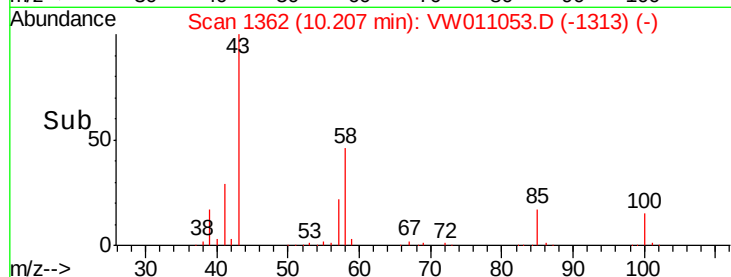
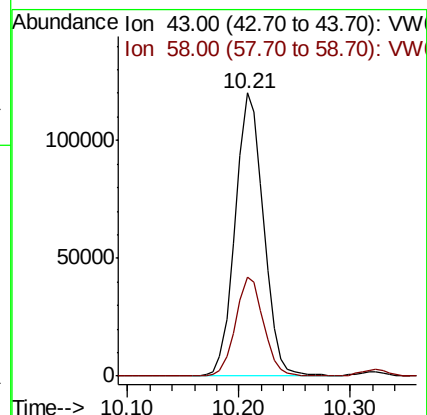
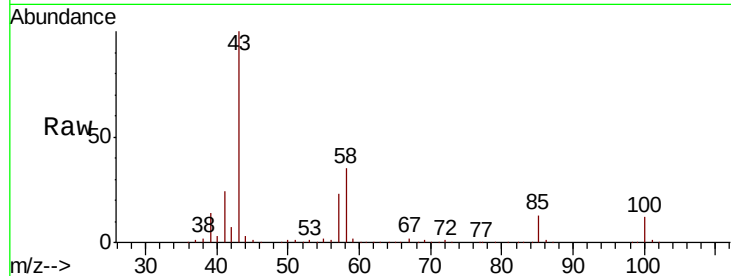
VW0629SBSD01

Tot Ion: 43 Resp: 211537

Ion Ratio Lower Upper

43 100

58 34.6 27.8 41.6



#52

Toluene

Concen: 19.747 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011053.D

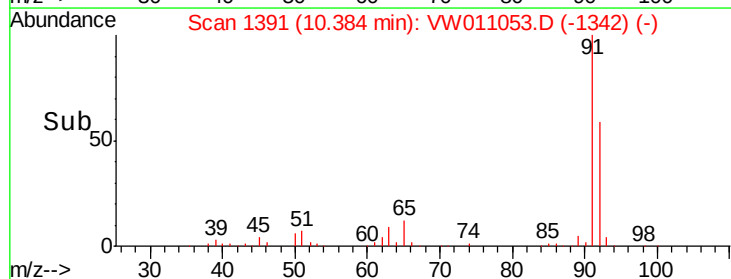
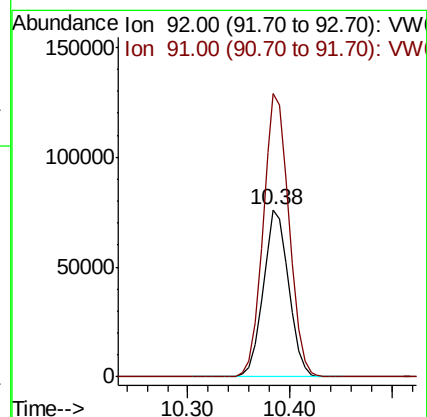
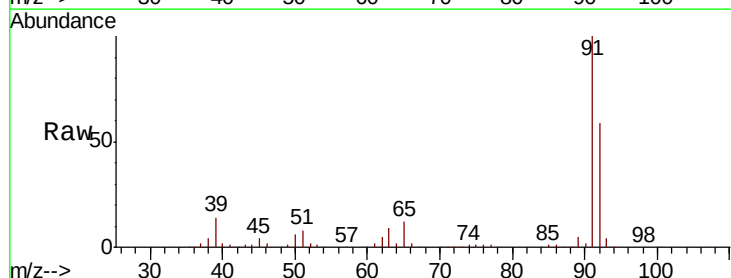
Acq: 28 Jun 2019 11:39

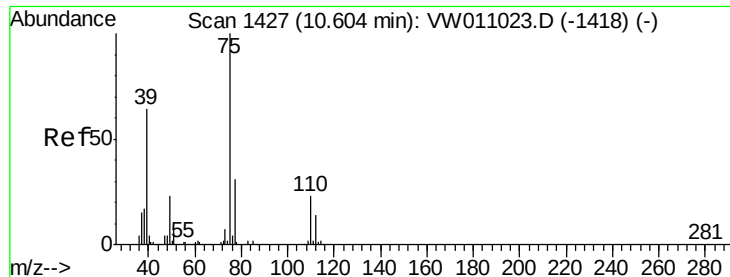
Tgt Ion: 92 Resp: 132023

Ion Ratio Lower Upper

92 100

91 172.5 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 18.597 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

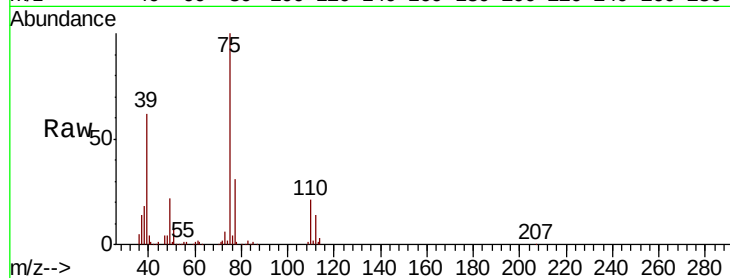
VW0629SBSD01

Tot Ion: 75 Resp: 66513

Ion Ratio Lower Upper

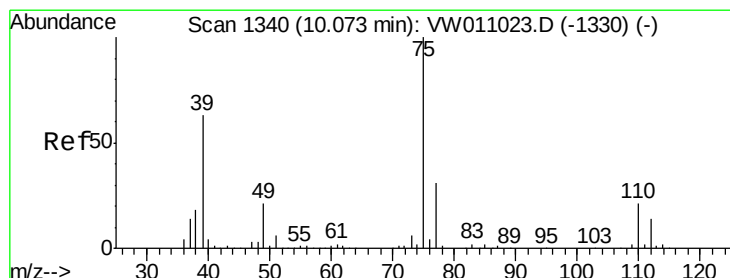
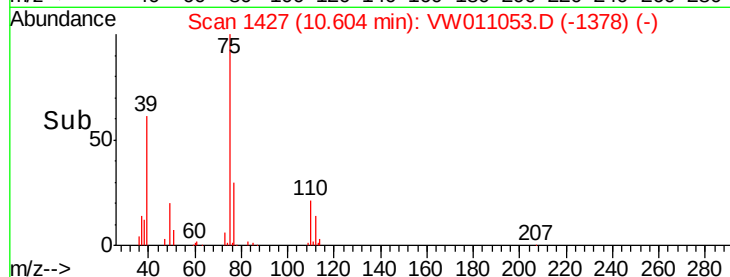
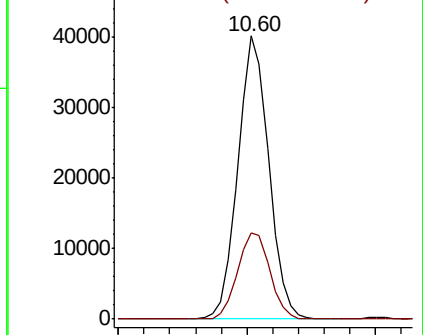
75 100

77 30.6 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 19.255 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

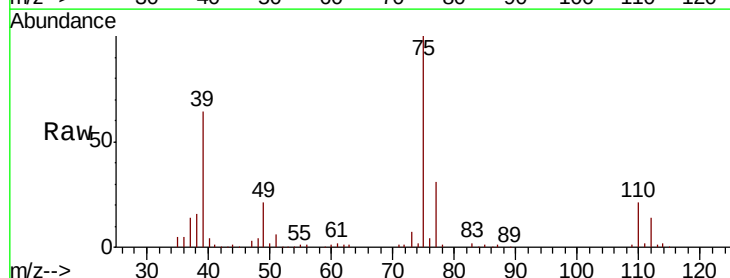
Tgt Ion: 75 Resp: 82150

Ion Ratio Lower Upper

75 100

77 30.7 24.8 37.2

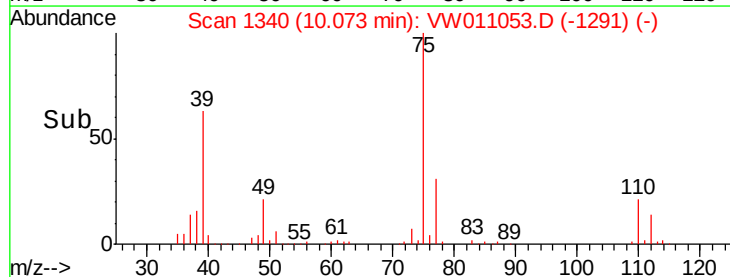
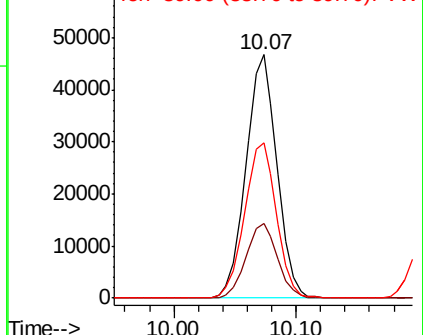
39 63.3 50.0 75.0

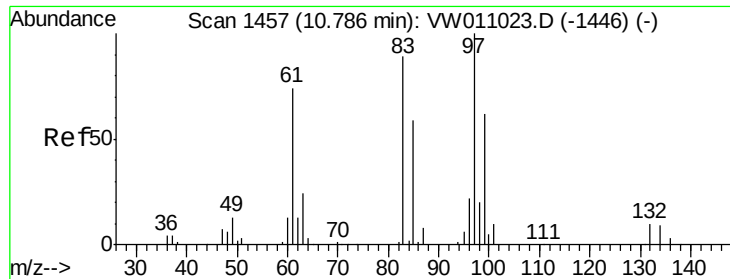


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW



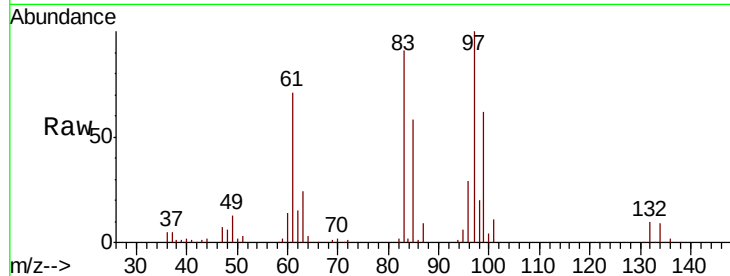


#55
 1,1,2-Trichloroethane
 Concen: 18.987 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011053.D
 Acq: 28 Jun 2019 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBSD01

Tot Ion: 97 Resp: 37203

Ion	Ratio	Lower	Upper
97	100		
83	91.1	70.9	106.3
85	58.1	47.2	70.8
99	61.7	50.0	75.0



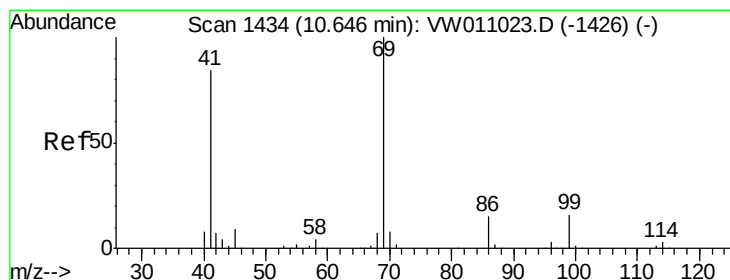
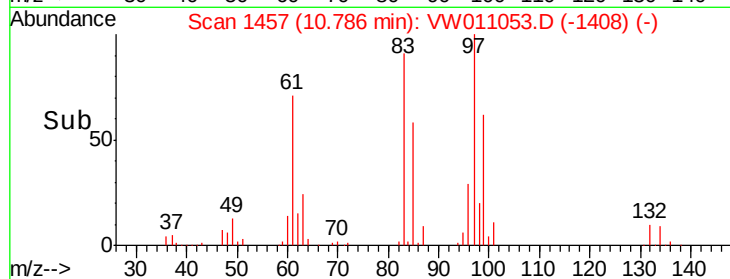
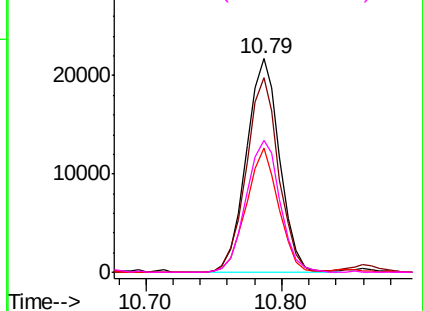
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

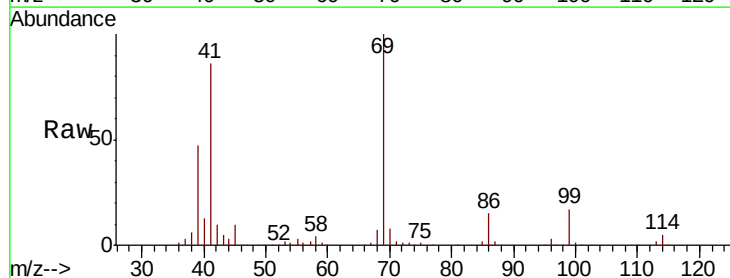
Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 18.565 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011053.D
 Acq: 28 Jun 2019 11:39

Tgt Ion: 69 Resp: 54472

Ion	Ratio	Lower	Upper
69	100		
41	82.8	67.9	101.9
39	42.1	33.2	49.8

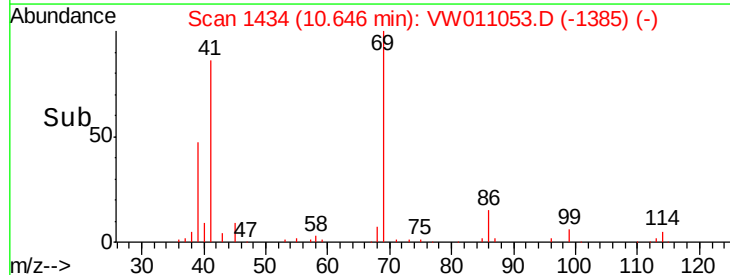
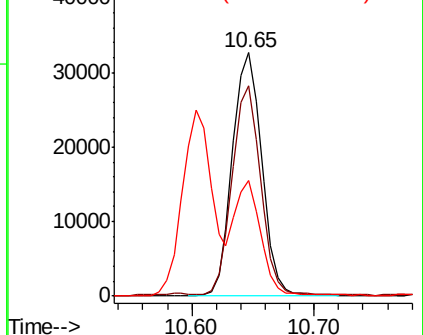


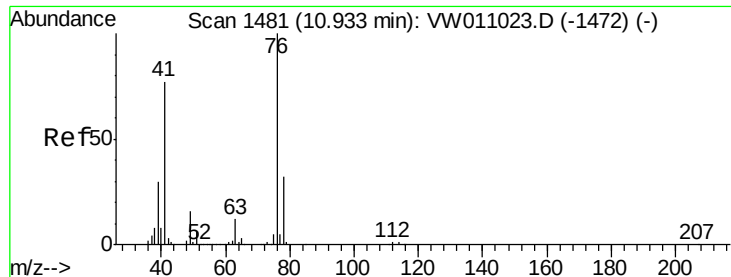
Abundance

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

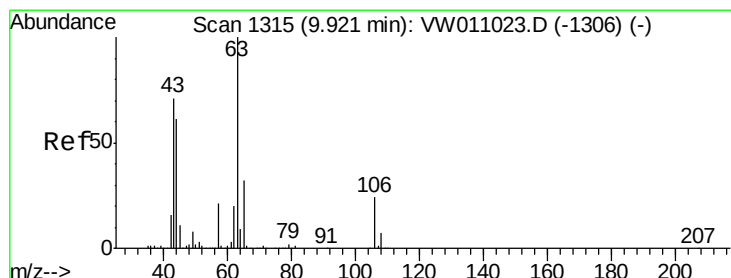
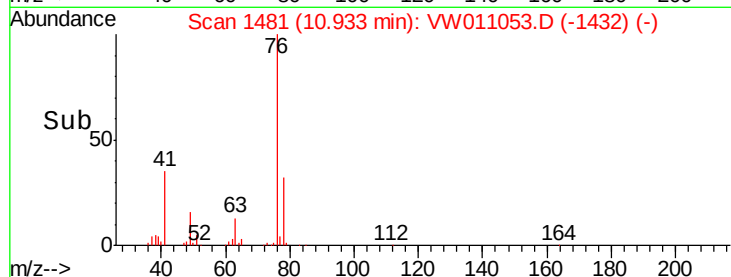
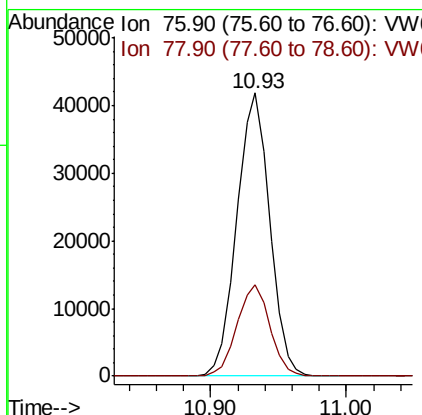
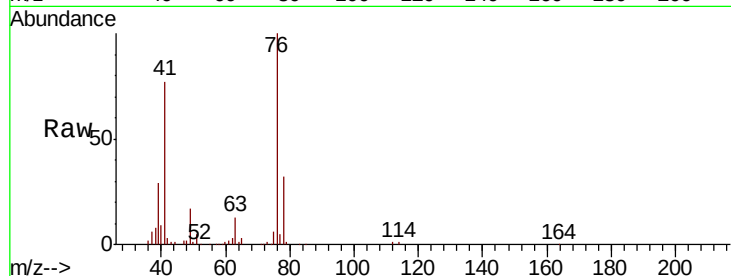




#57
 1,3-Dichloropropane
 Concen: 18.991 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011053.D
 Acq: 28 Jun 2019 11:39

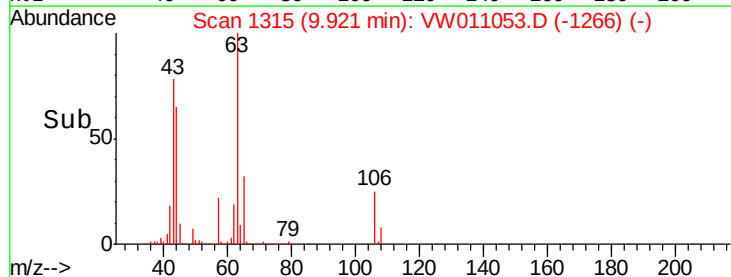
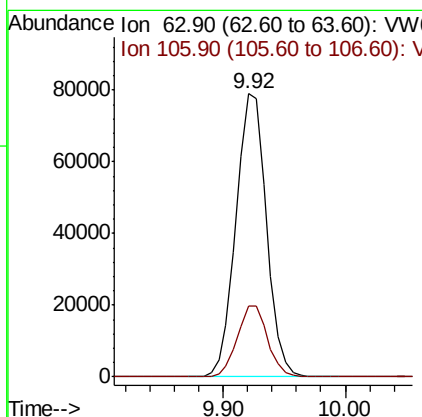
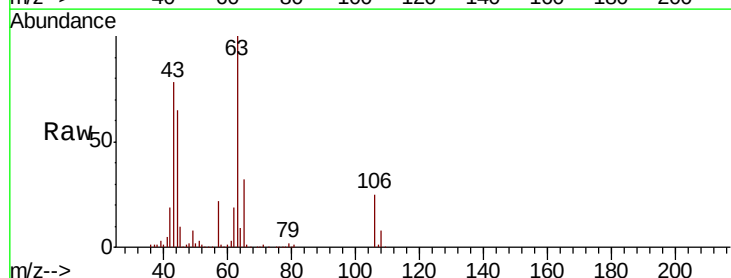
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBSD01

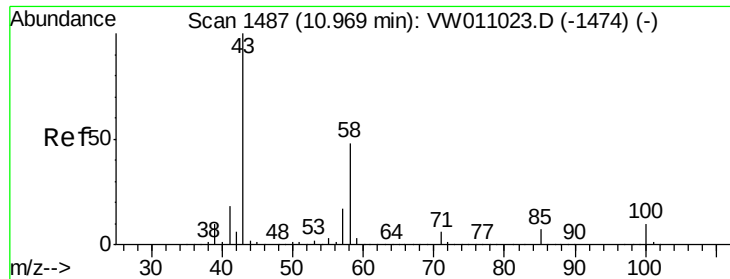
Tot Ion: 76 Resp: 70785
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.890 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011053.D
 Acq: 28 Jun 2019 11:39

Tgt Ion: 63 Resp: 136419
 Ion Ratio Lower Upper
 63 100
 106 25.0 19.4 29.0





#59

2-Hexanone

Concen: 91.615 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

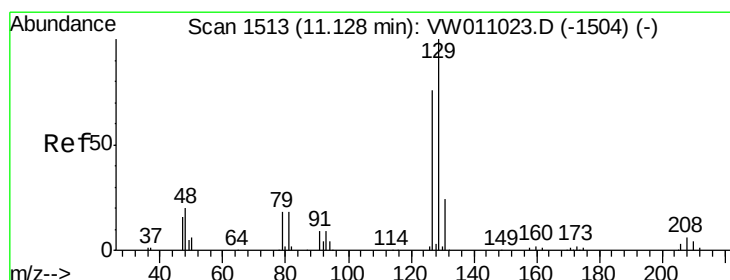
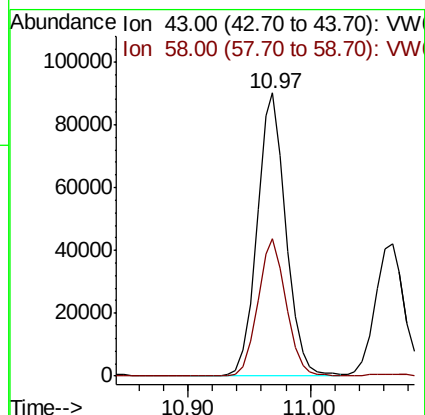
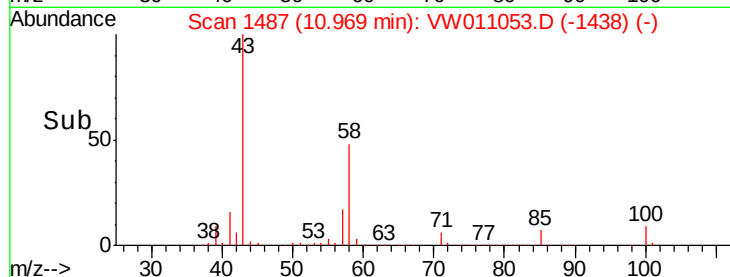
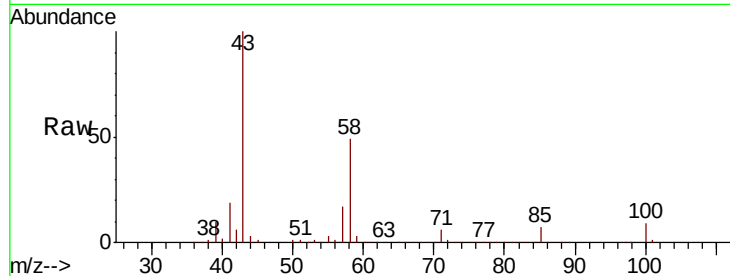
VW0629SBSD01

Tot Ion: 43 Resp: 146947

Ion Ratio Lower Upper

43 100

58 48.0 23.8 71.5



#60

Dibromochloromethane

Concen: 18.416 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW011053.D

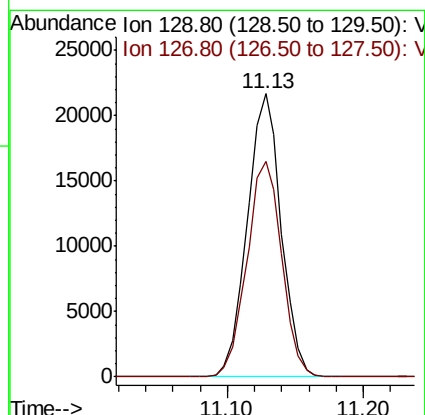
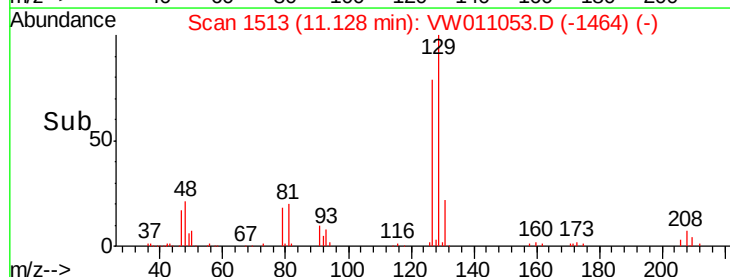
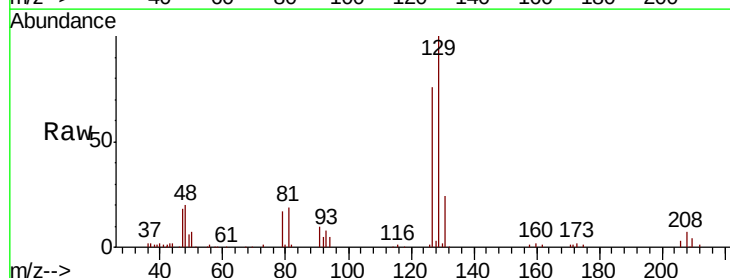
Acq: 28 Jun 2019 11:39

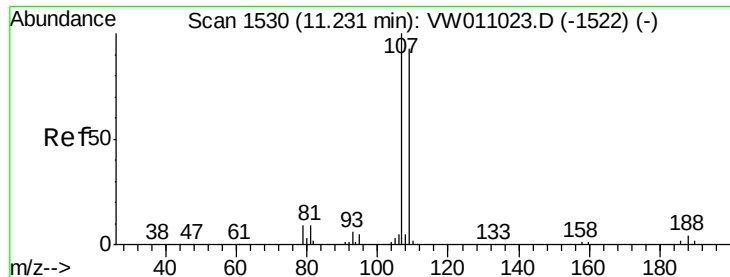
Tgt Ion: 129 Resp: 37840

Ion Ratio Lower Upper

129 100

127 78.3 39.4 118.1

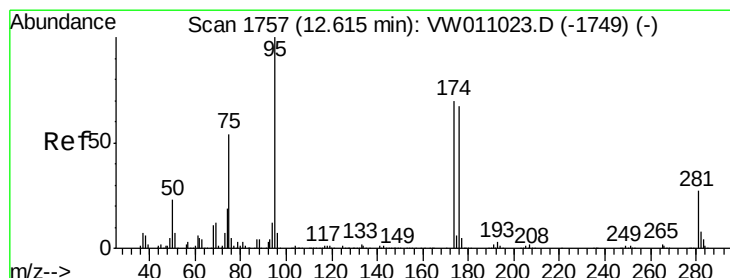
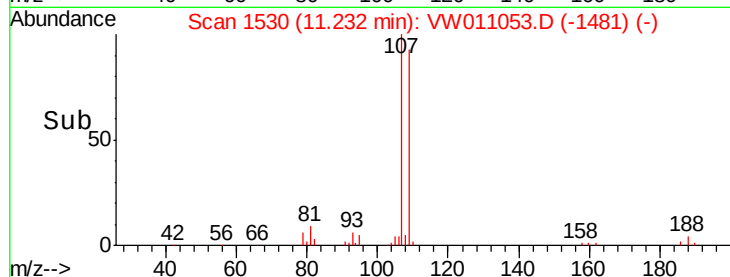
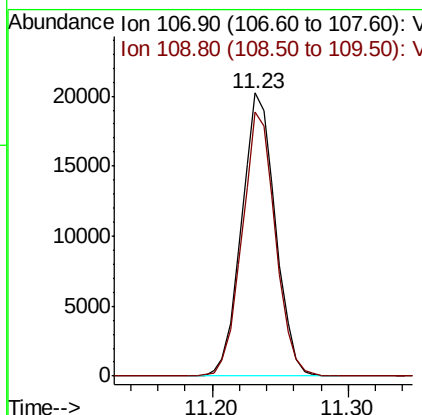
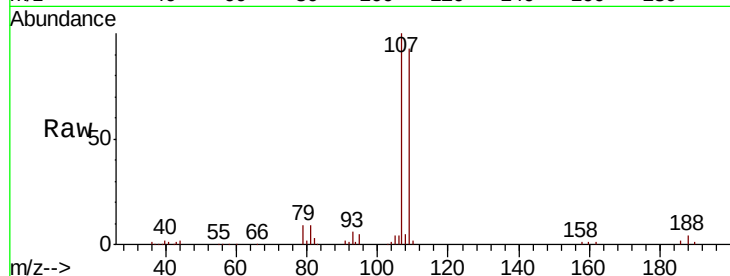




#61
1,2-Dibromoethane
Concen: 19.111 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

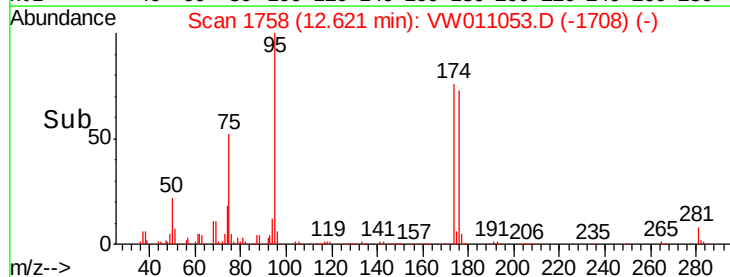
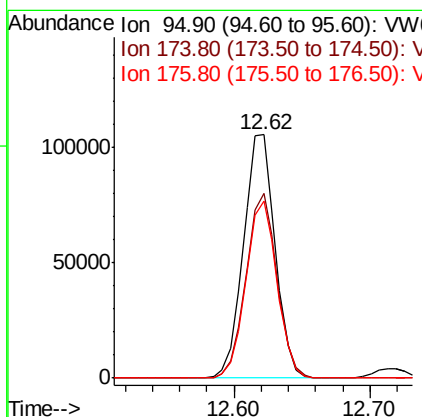
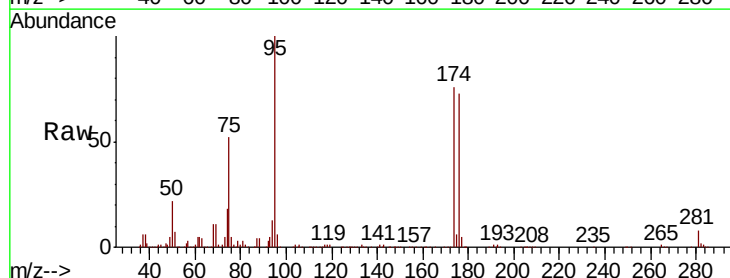
Instrument :
MSVOA_W
ClientSampleId :
VW0629SBSD01

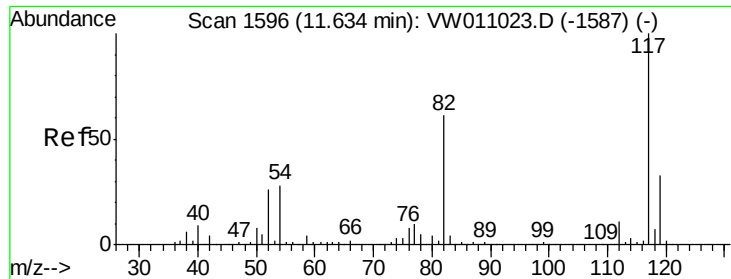
Tot Ion: 107 Resp: 35057
Ion Ratio Lower Upper
107 100
109 91.9 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 50.622 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

Tgt Ion: 95 Resp: 171914
Ion Ratio Lower Upper
95 100
174 74.4 0.0 149.2
176 71.7 0.0 143.6

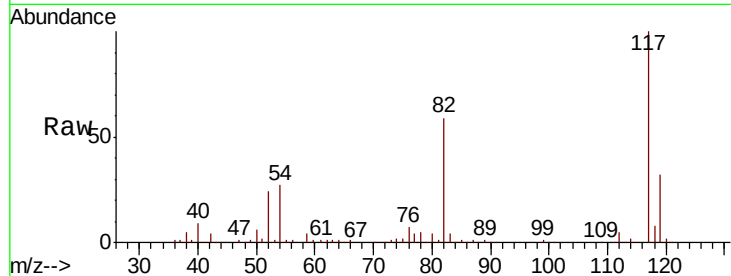




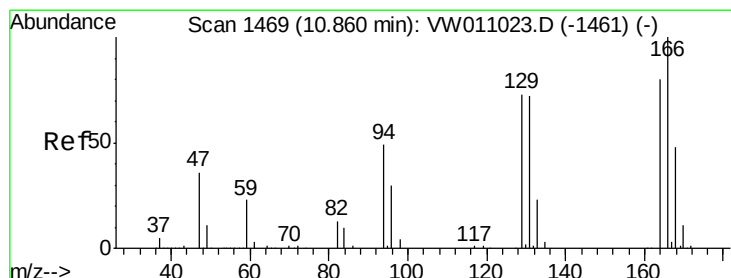
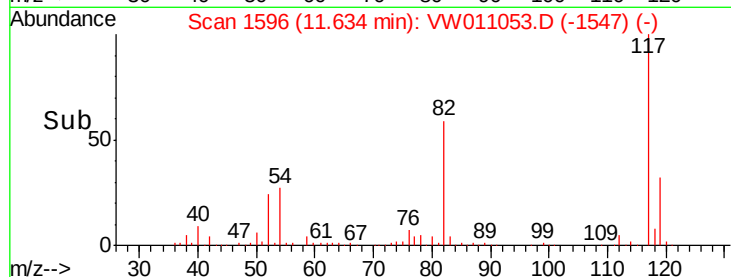
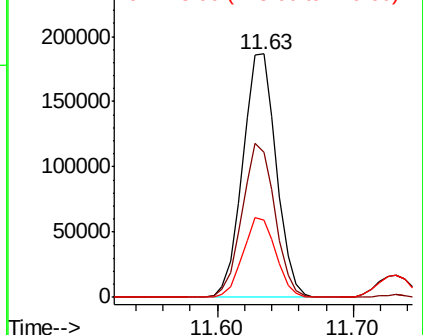
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion:117 Resp: 322374
Ion Ratio Lower Upper
117 100
82 59.5 48.6 73.0
119 31.7 26.1 39.1

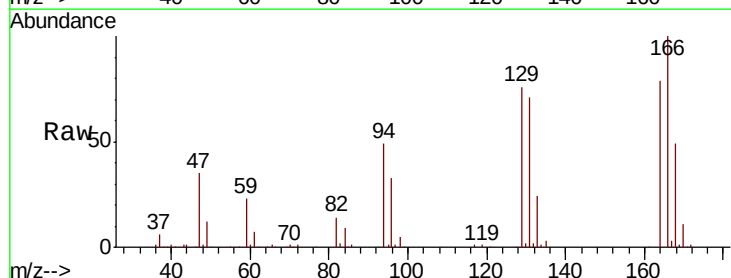


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

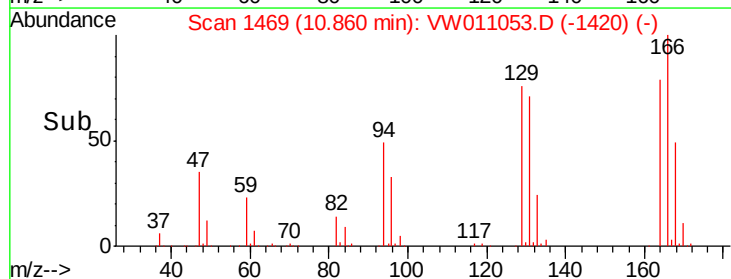
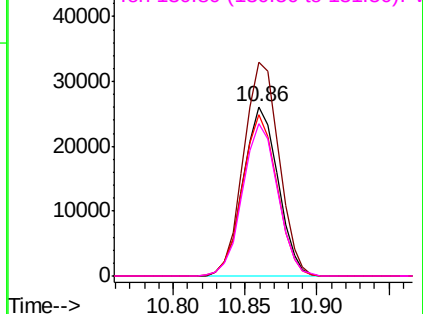


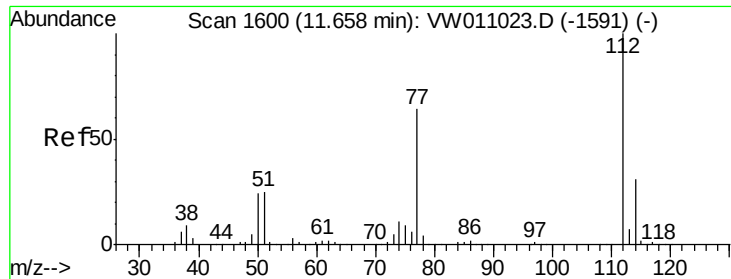
#64
Tetrachloroethene
Concen: 19.837 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

Tgt Ion:164 Resp: 44009
Ion Ratio Lower Upper
164 100
166 126.4 99.8 149.6
129 95.7 73.0 109.4
131 90.0 71.4 107.0



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

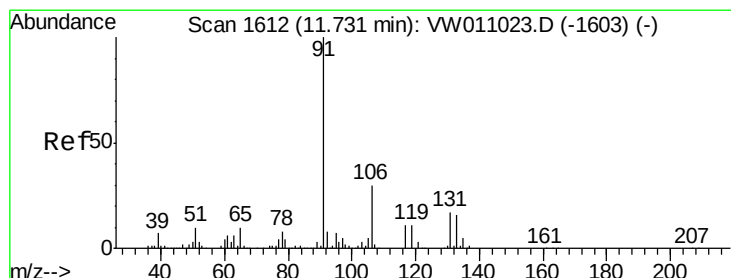
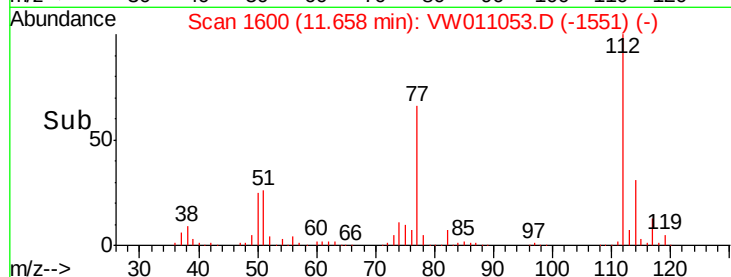
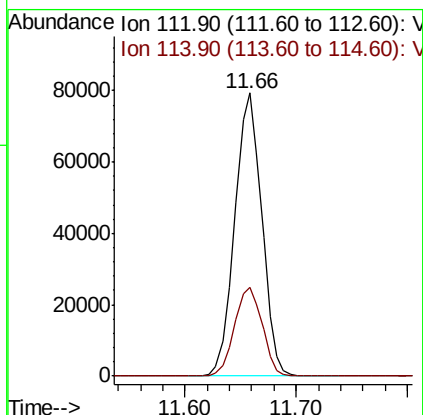
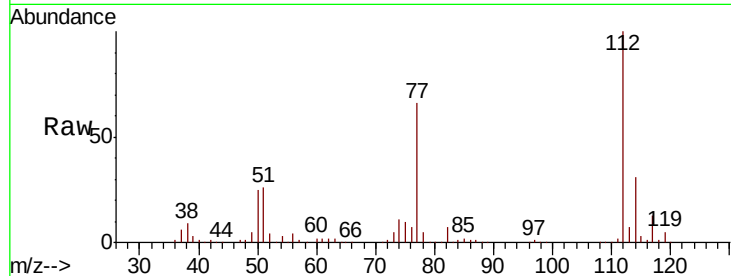




#65
Chlorobenzene
Concen: 20.165 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

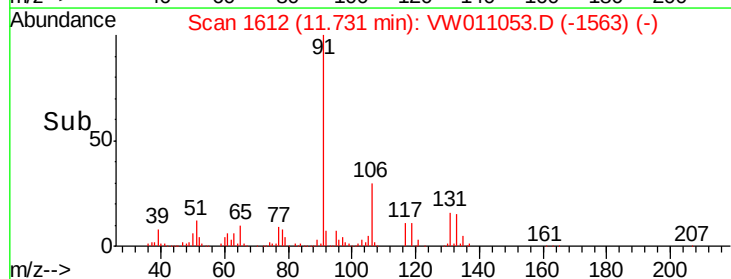
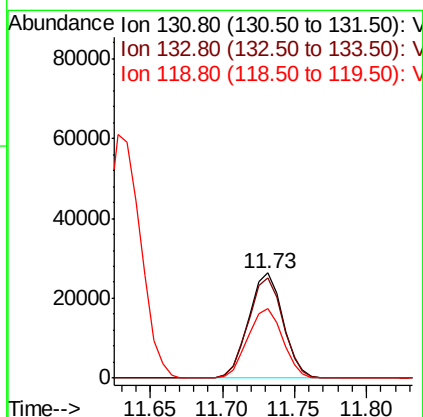
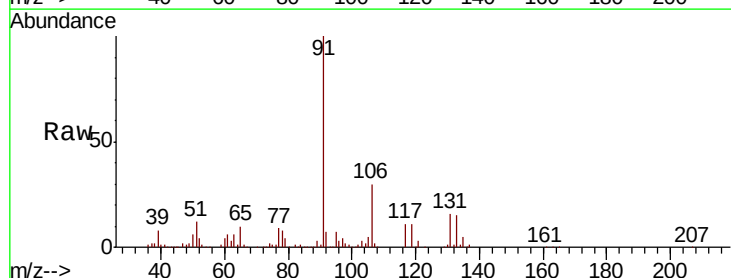
Instrument :
MSVOA_W
ClientSampleId :
VW0629SBSD01

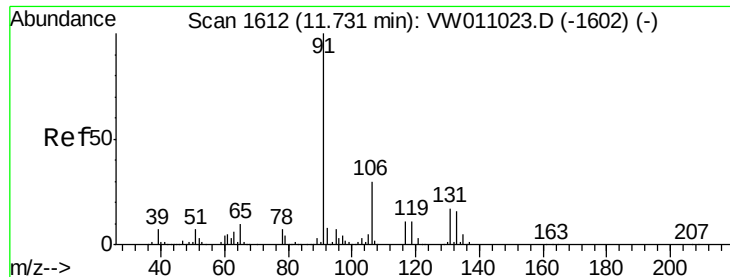
Tot Ion:112 Resp: 133068
Ion Ratio Lower Upper
112 100
114 31.4 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.407 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

Tgt Ion:131 Resp: 43481
Ion Ratio Lower Upper
131 100
133 96.6 47.7 143.1
119 67.5 33.1 99.2

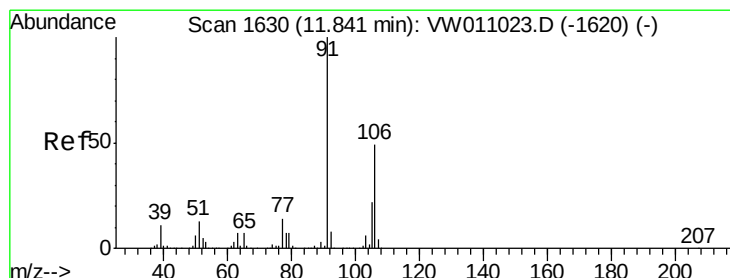
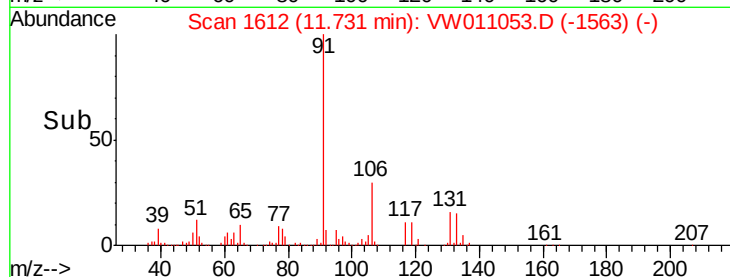
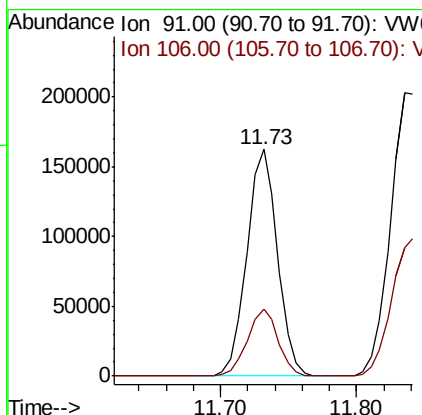
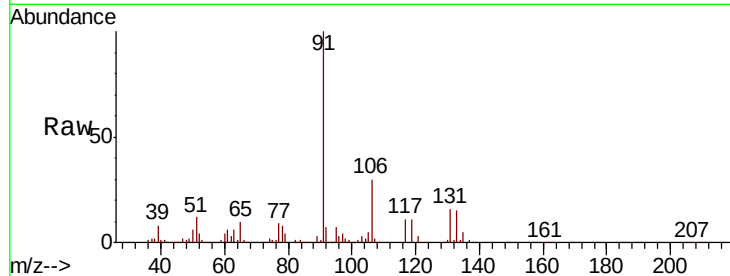




#67
Ethyl Benzene
Concen: 20.261 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

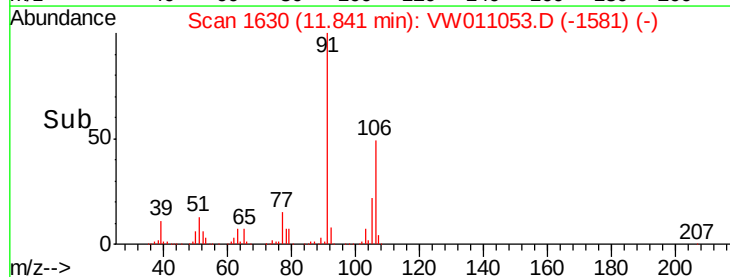
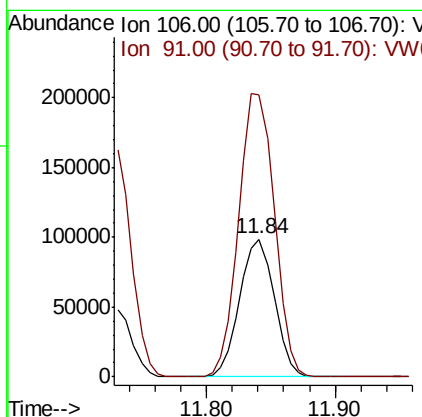
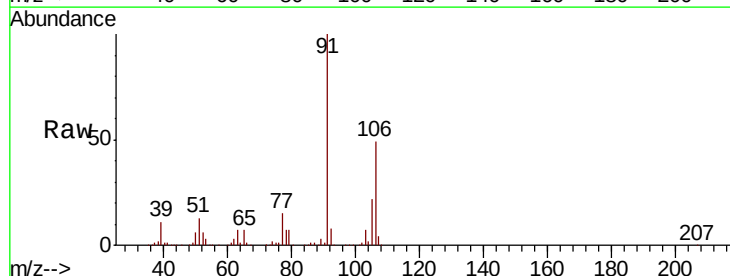
Instrument :
MSVOA_W
ClientSampleId :
VW0629SBSD01

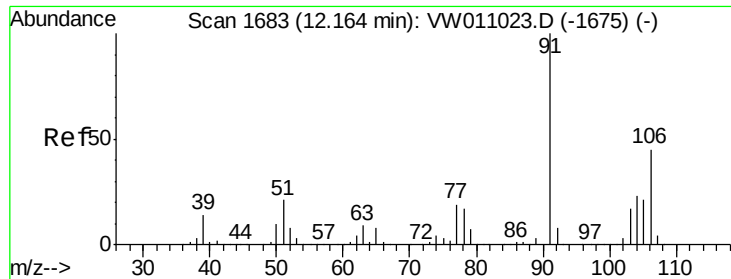
Tot Ion: 91 Resp: 256076
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.6



#68
m/p-Xylenes
Concen: 40.271 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

Tgt Ion: 106 Resp: 184693
Ion Ratio Lower Upper
106 100
91 211.2 167.5 251.3

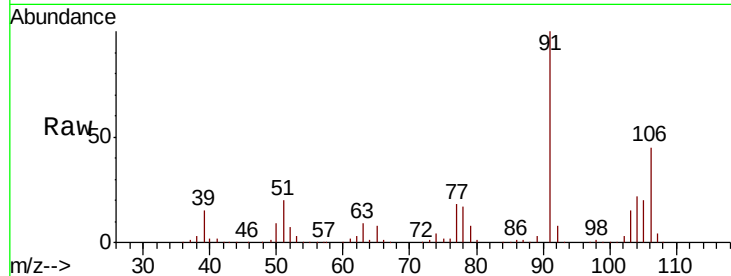




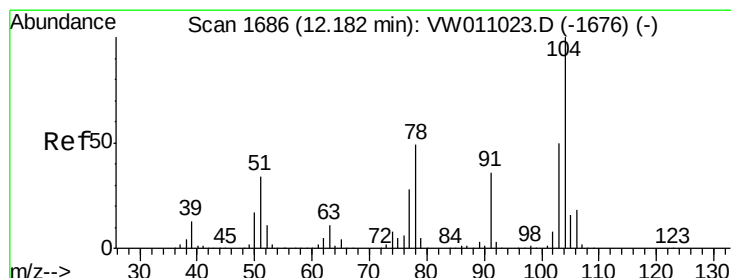
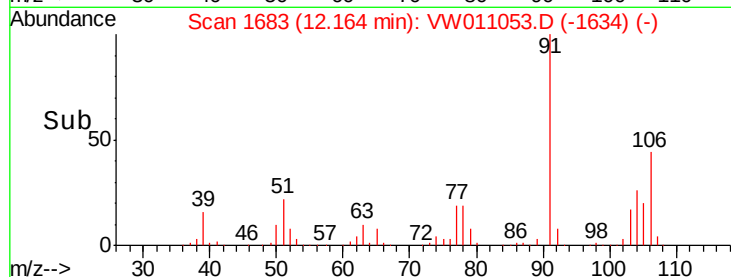
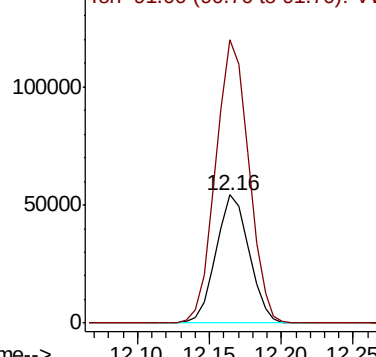
#69
o-Xylene
Concen: 20.200 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

Instrument :
MSVOA_W
ClientSampled :
VW0629SBSD01

Tot Ion:106 Resp: 86289
Ion Ratio Lower Upper
106 100
91 221.5 110.8 332.3

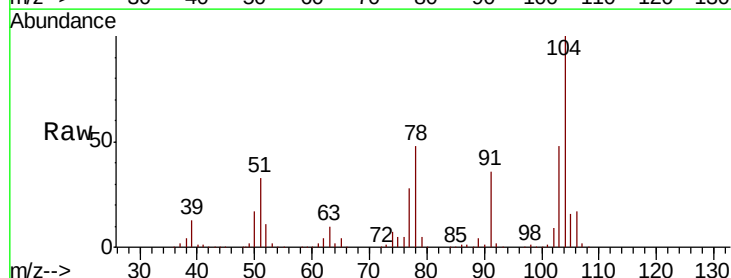


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

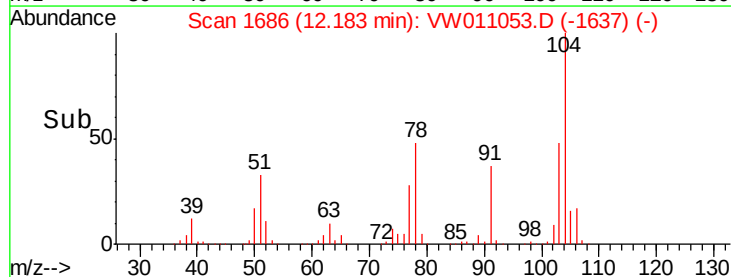
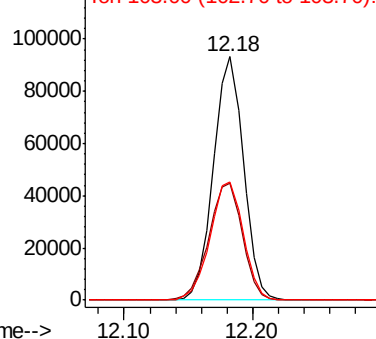


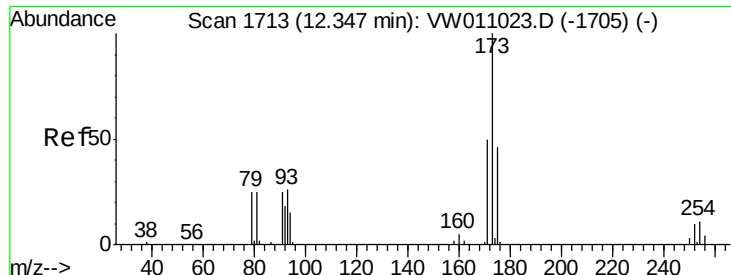
#70
Styrene
Concen: 20.254 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

Tgt Ion:104 Resp: 150345
Ion Ratio Lower Upper
104 100
78 53.9 43.7 65.5
103 53.6 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: 18.384 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBSD01

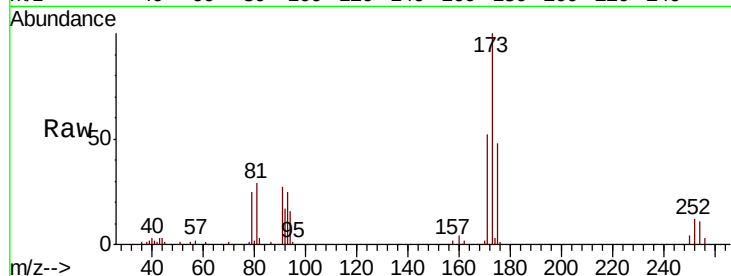
Tot Ion:173 Resp: 20080

Ion Ratio Lower Upper

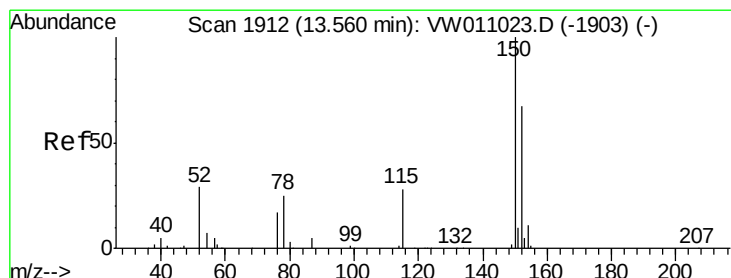
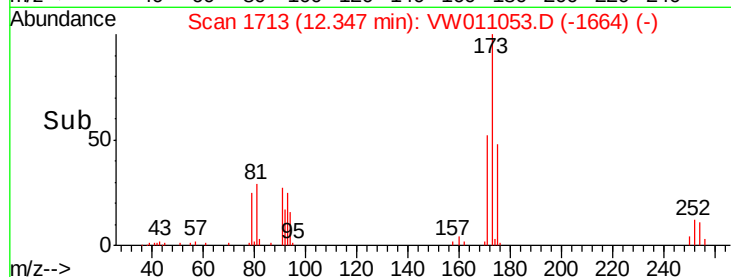
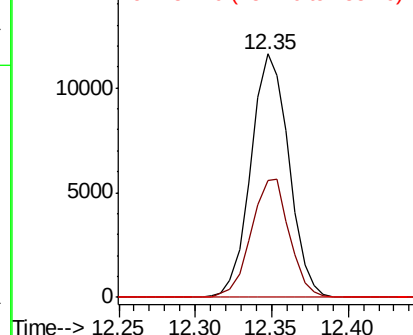
173 100

175 48.8 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: VW011053.D

Acq: 28 Jun 2019 11:39

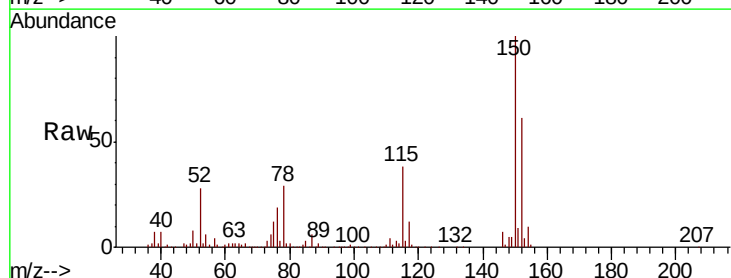
Tgt Ion:152 Resp: 158001

Ion Ratio Lower Upper

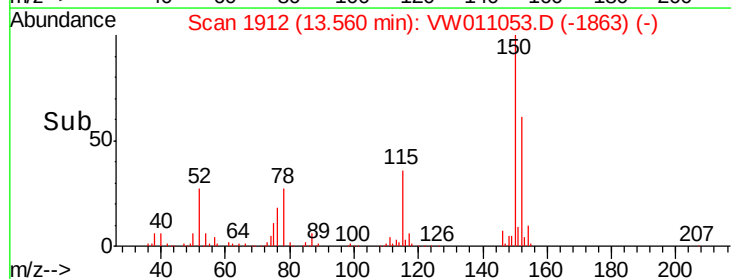
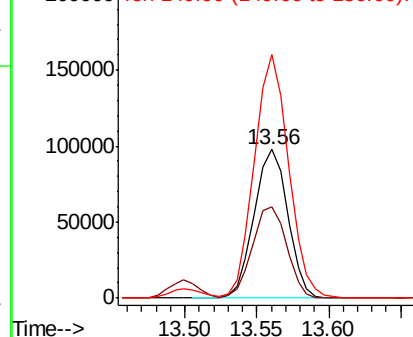
152 100

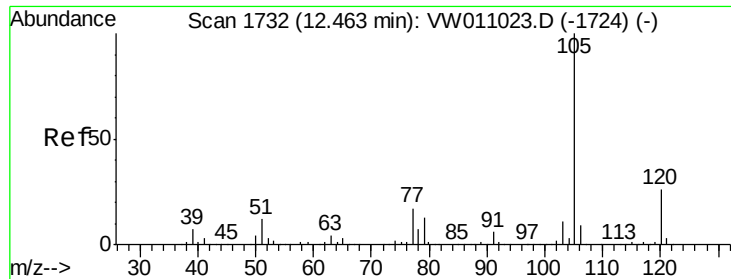
115 62.6 30.7 92.1

150 166.6 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.410 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

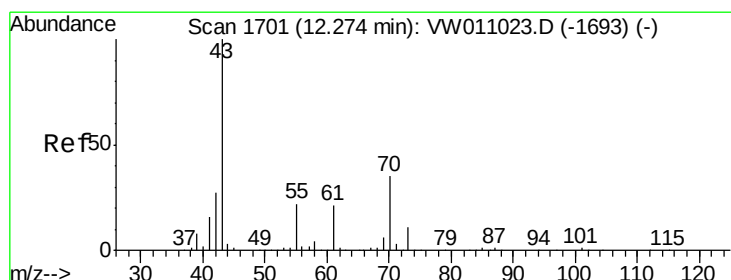
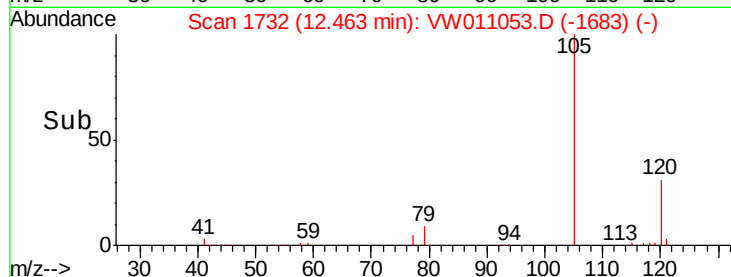
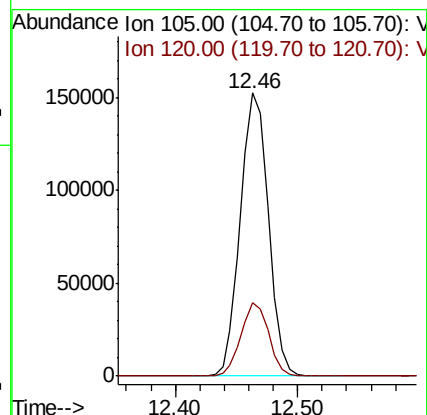
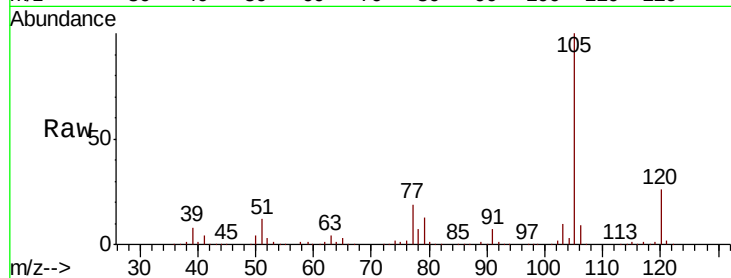
VW0629SBS01

Tot Ion:105 Resp: 241586

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#74

N-ethyl acetate

Concen: 19.215 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Tgt Ion: 43 Resp: 76384

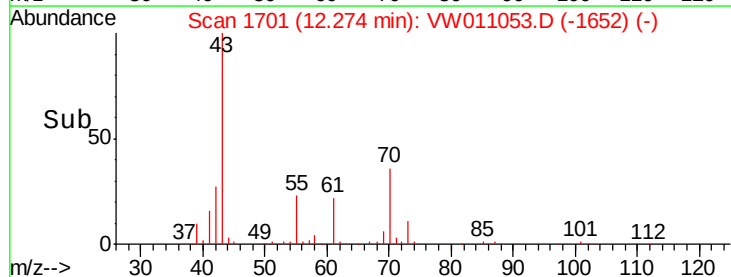
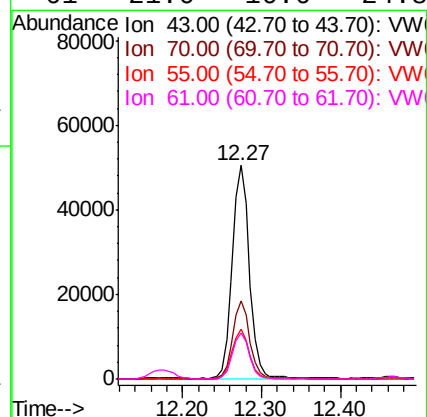
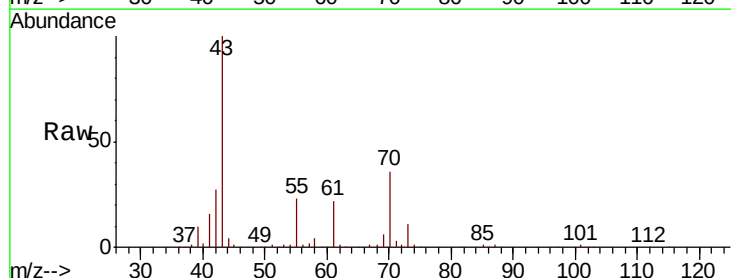
Ion Ratio Lower Upper

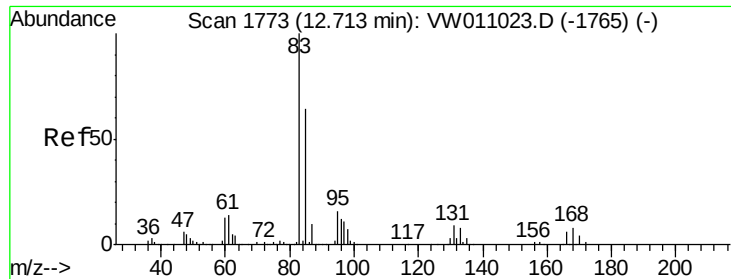
43 100

70 36.1 28.2 42.4

55 24.3 17.8 26.8

61 21.6 16.6 24.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.353 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampled :

VW0629SBSD01

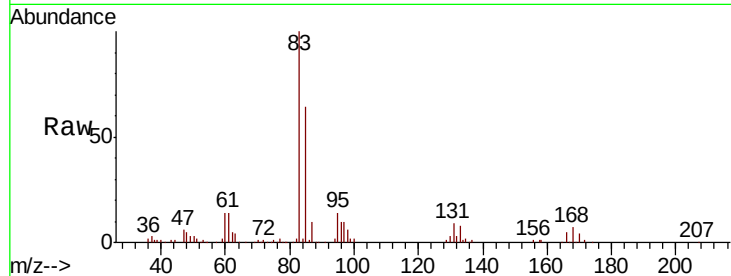
Tot Ion: 83 Resp: 44984

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

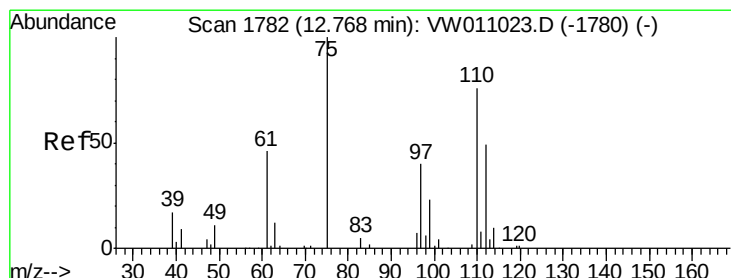
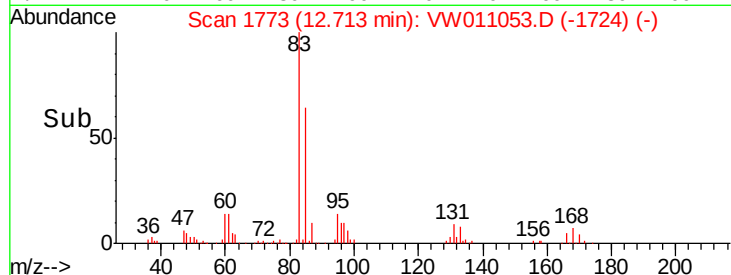
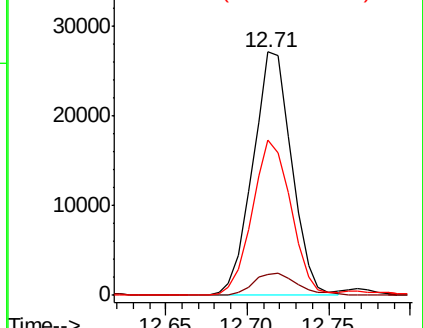
85 63.8 31.8 95.4



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: 34.557 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW011053.D

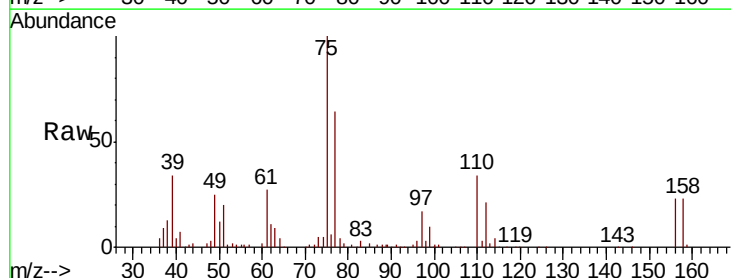
Acq: 28 Jun 2019 11:39

Tgt Ion: 75 Resp: 57644

Ion Ratio Lower Upper

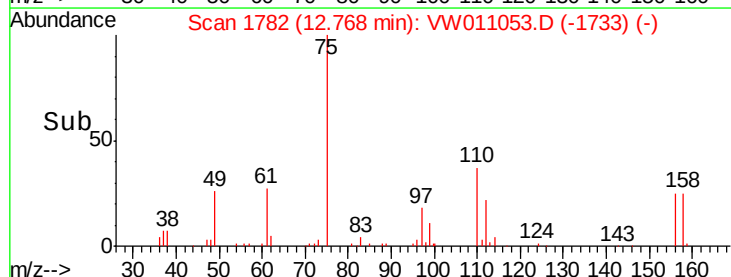
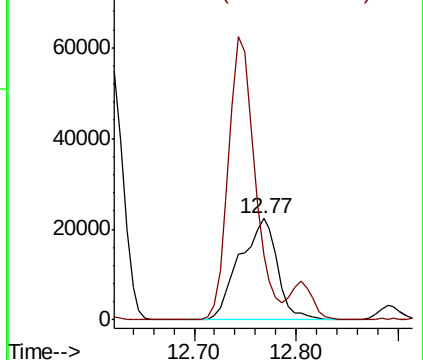
75 100

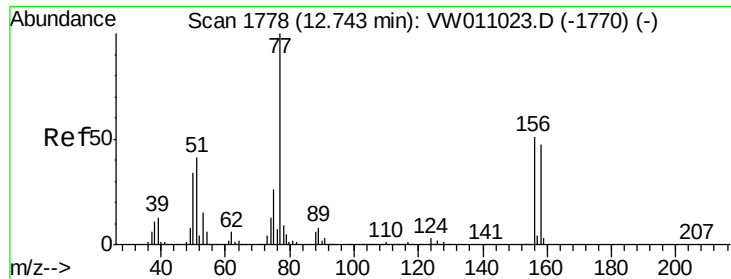
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.471 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBSD01

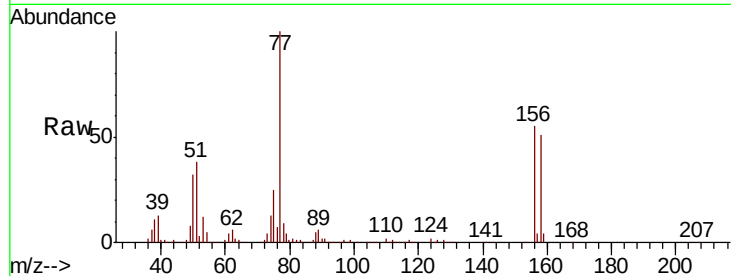
Tot Ion:156 Resp: 53260

Ion Ratio Lower Upper

156 100

77 212.0 109.5 328.5

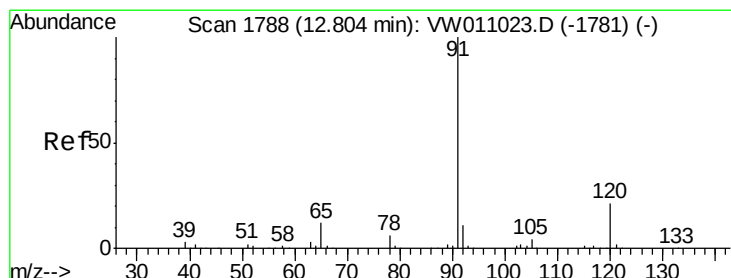
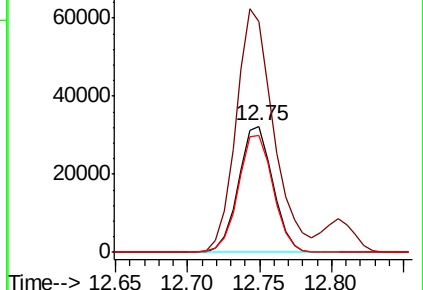
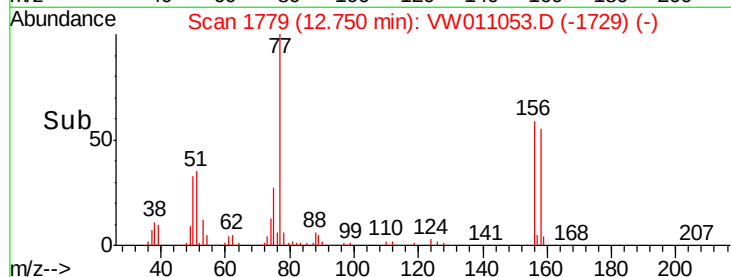
158 94.3 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.531 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011053.D

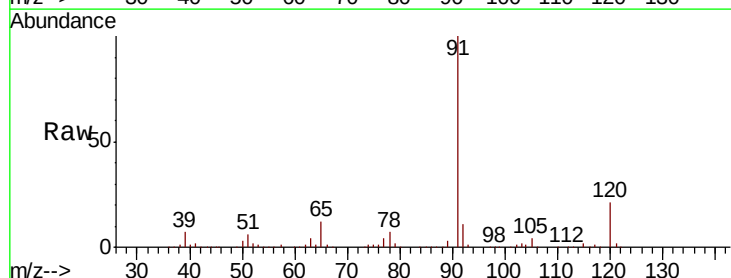
Acq: 28 Jun 2019 11:39

Tgt Ion: 91 Resp: 300942

Ion Ratio Lower Upper

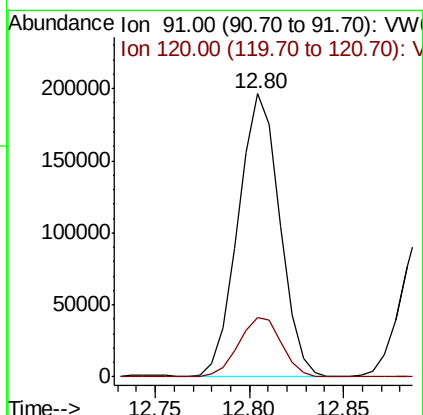
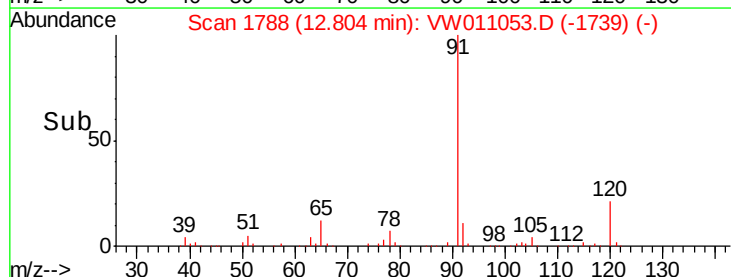
91 100

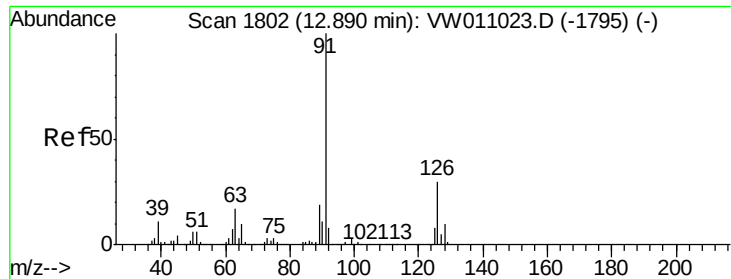
120 21.7 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.336 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

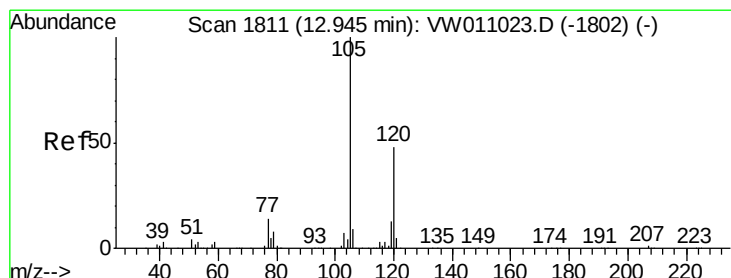
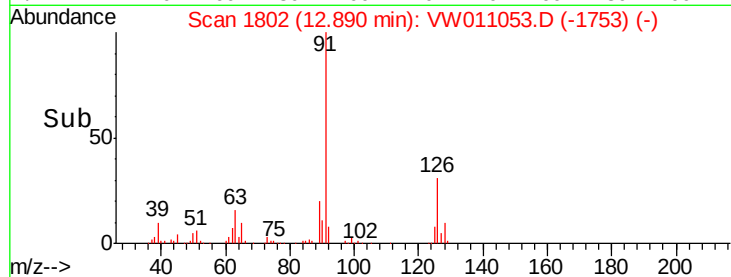
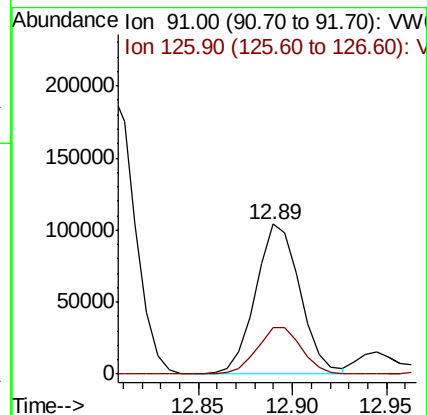
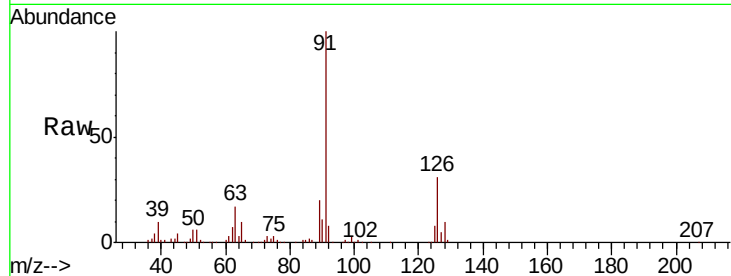
VW0629SBSD01

Tot Ion: 91 Resp: 170297

Ion Ratio Lower Upper

91 100

126 31.3 15.4 46.4



#80

1,3,5-Trimethylbenzene

Concen: 20.524 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW011053.D

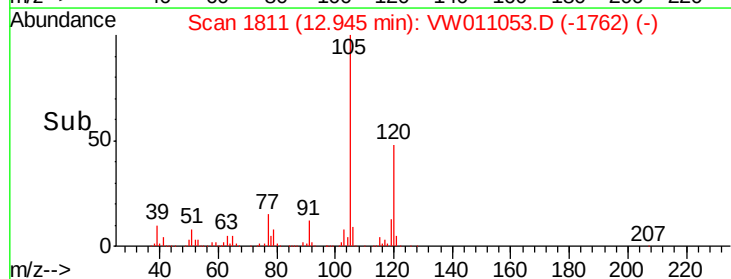
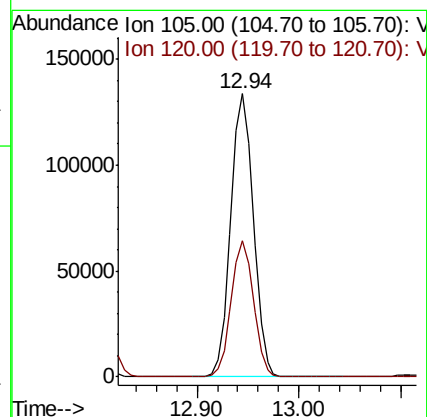
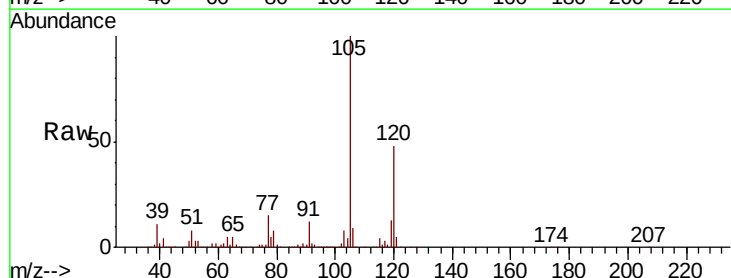
Acq: 28 Jun 2019 11:39

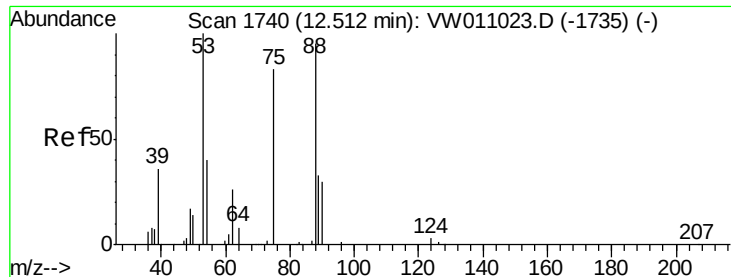
Tgt Ion:105 Resp: 205908

Ion Ratio Lower Upper

105 100

120 47.5 23.8 71.5

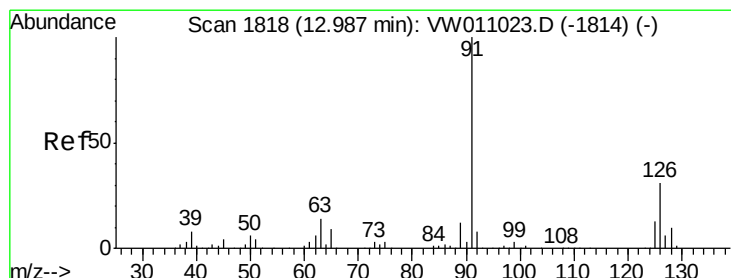
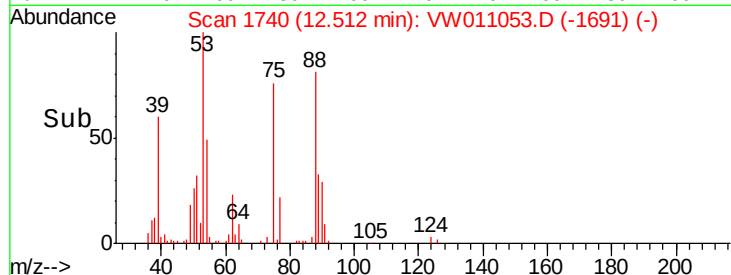
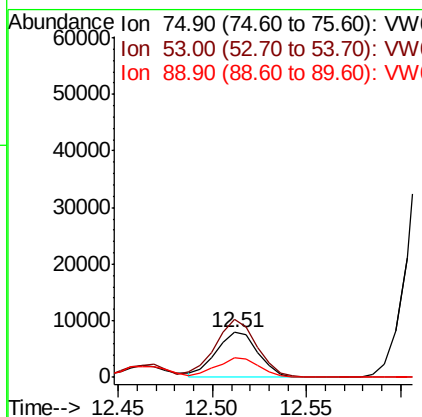
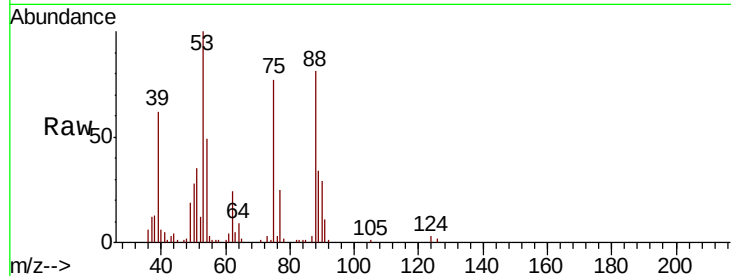




#81
trans-1,4-Dichloro-2-butene
Concen: 18.576 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

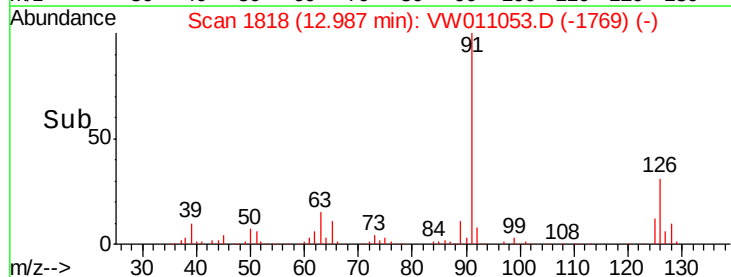
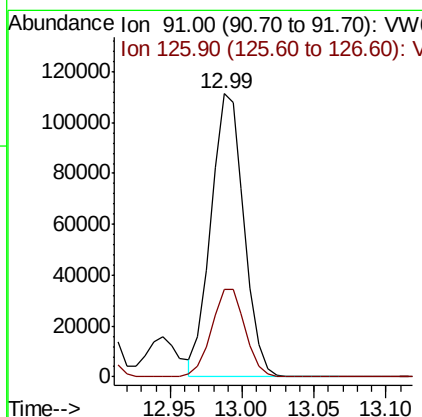
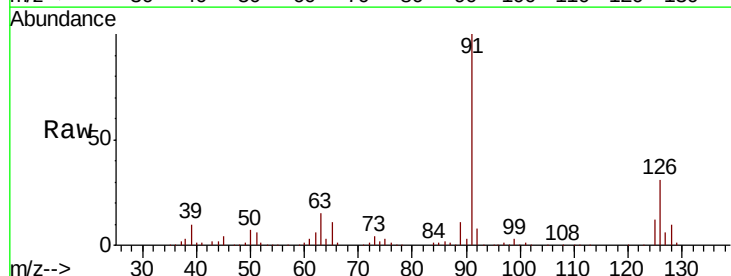
Instrument :
MSVOA_W
ClientSampleId :
VW0629SBSD01

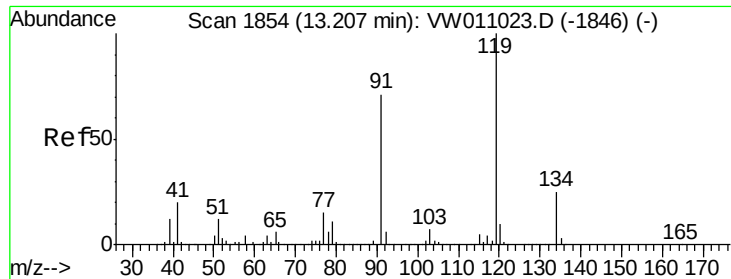
Tot Ion: 75 Resp: 12361
Ion Ratio Lower Upper
75 100
53 127.1 95.6 143.4
89 44.6 34.4 51.6



#82
4-Chlorotoluene
Concen: 20.405 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

Tgt Ion: 91 Resp: 178069
Ion Ratio Lower Upper
91 100
126 31.6 15.7 47.1

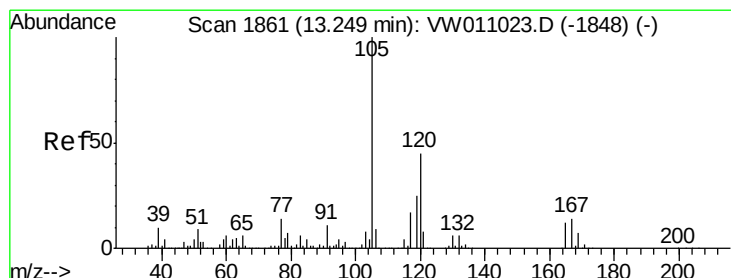
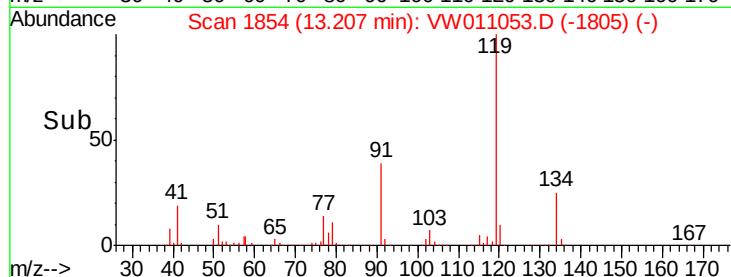
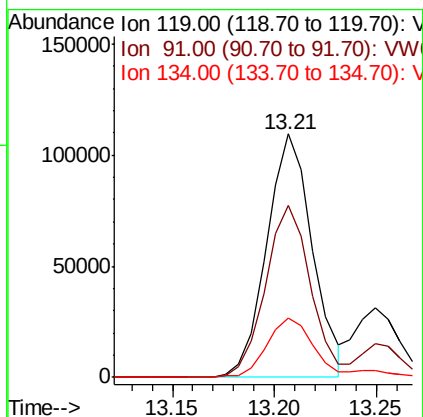
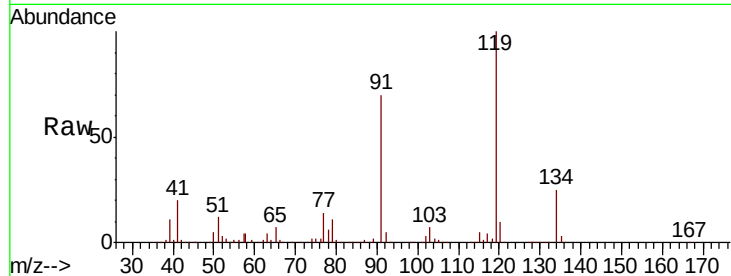




#83
tert-Butylbenzene
Concen: 20.434 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

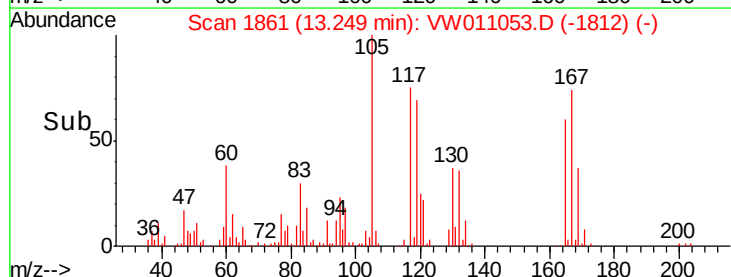
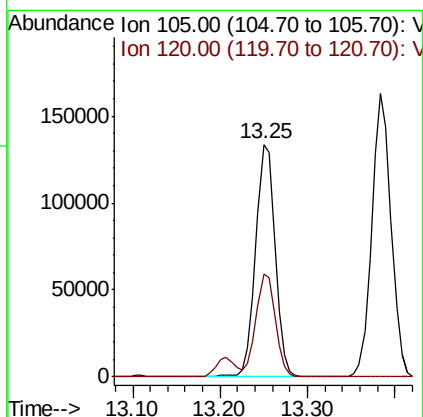
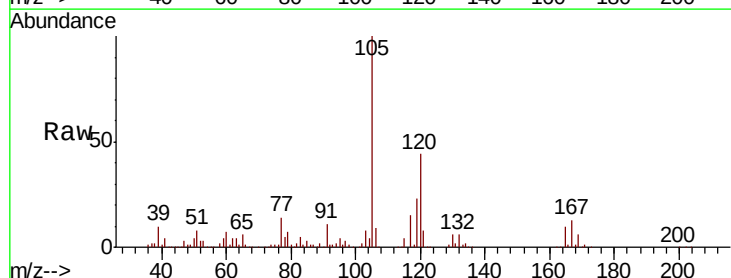
Instrument :
MSVOA_W
ClientSampleId :
VW0629SBSD01

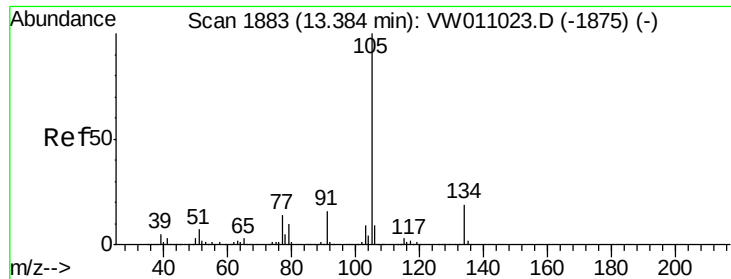
Tot Ion:119 Resp: 170947
Ion Ratio Lower Upper
119 100
91 70.8 35.5 106.5
134 25.0 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 20.430 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

Tgt Ion:105 Resp: 207165
Ion Ratio Lower Upper
105 100
120 43.9 22.4 67.2





#85

sec-Butylbenzene

Concen: 20.563 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

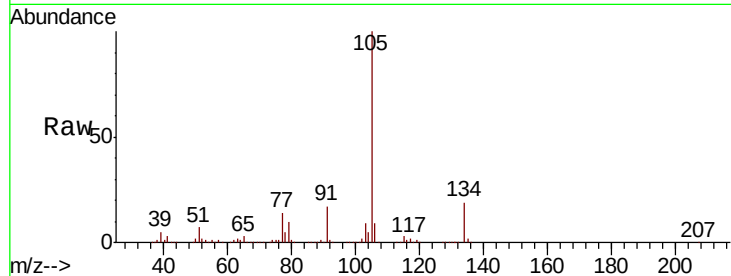
VW0629SBS01

Tot Ion:105 Resp: 249905

Ion Ratio Lower Upper

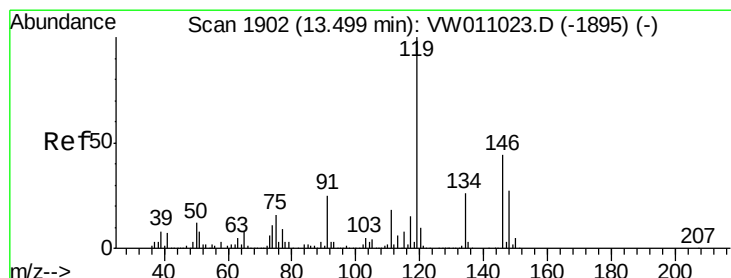
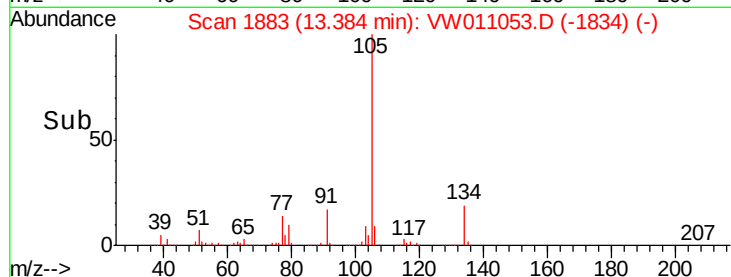
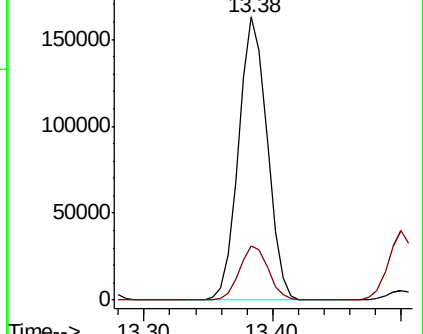
105 100

134 19.3 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: 20.511 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

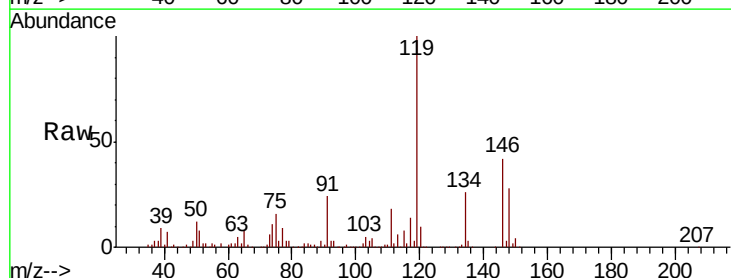
Tgt Ion:119 Resp: 224324

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

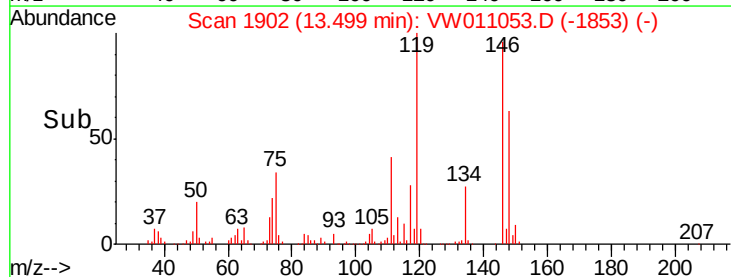
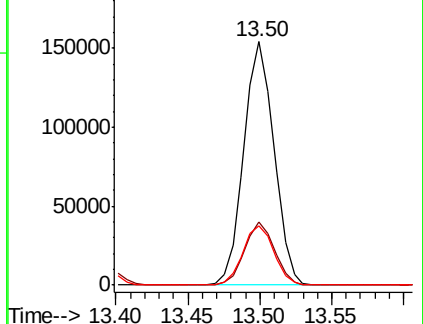
91 25.0 12.3 36.9

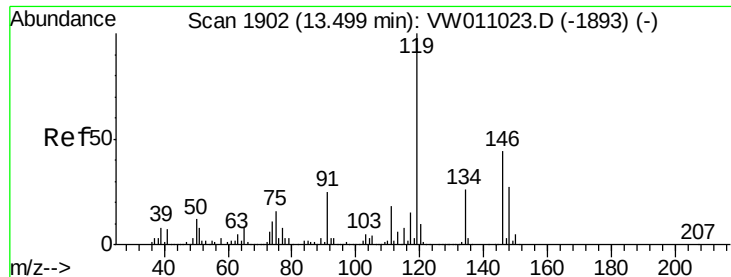


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

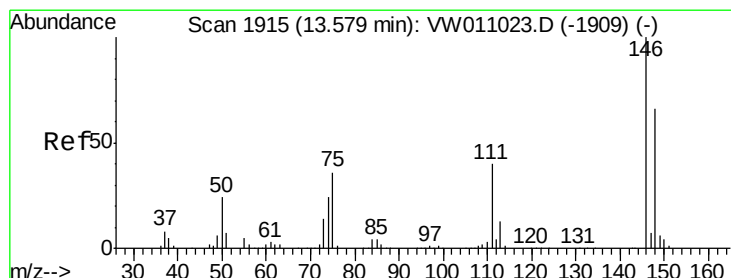
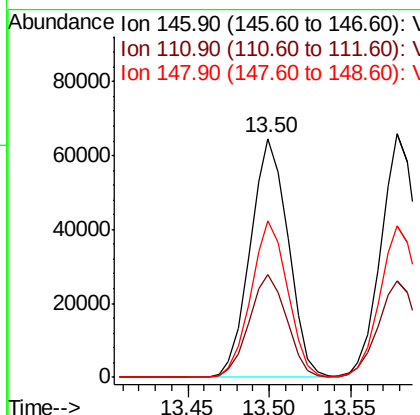
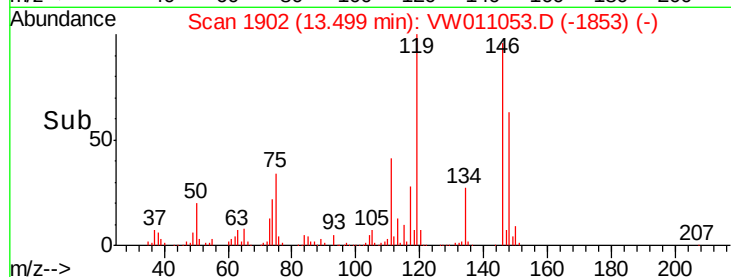
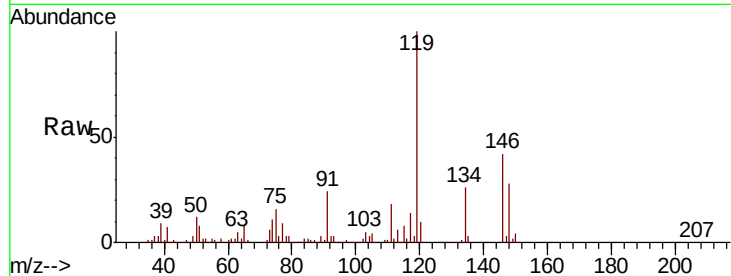




#87
 1,3-Dichlorobenzene
 Concen: 20.304 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011053.D
 Acq: 28 Jun 2019 11:39

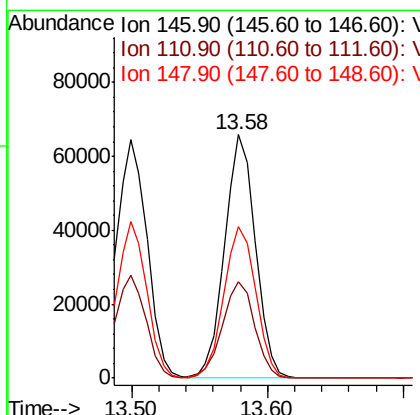
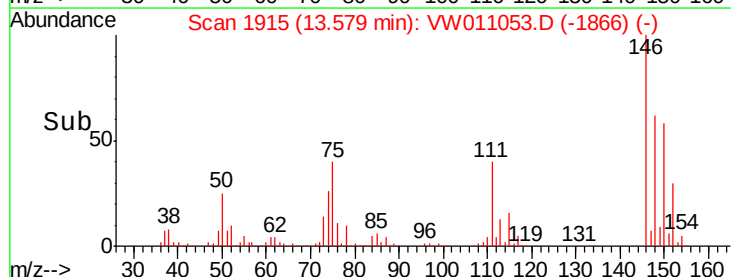
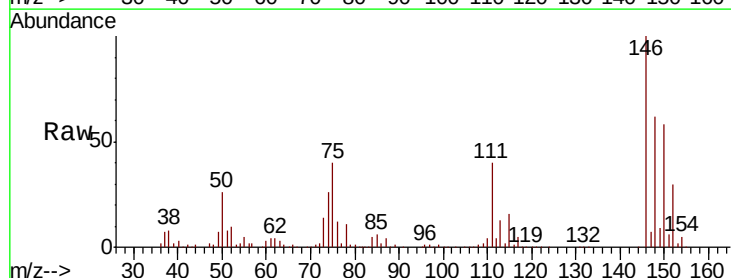
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBSD01

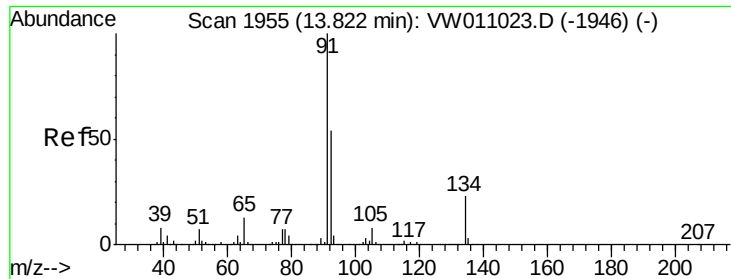
Tot Ion:146 Resp: 104492
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.9 62.8
 148 63.5 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 20.107 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW011053.D
 Acq: 28 Jun 2019 11:39

Tgt Ion:146 Resp: 103299
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.6 61.9
 148 64.7 32.4 97.2





#89

n-Butylbenzene

Concen: 20.481 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW011053.D

Acq: 28 Jun 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

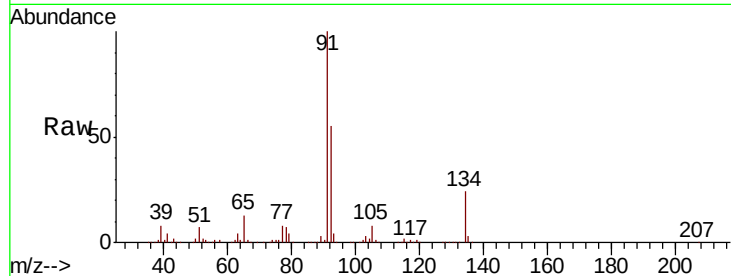
Tot Ion: 91 Resp: 227659

Ion Ratio Lower Upper

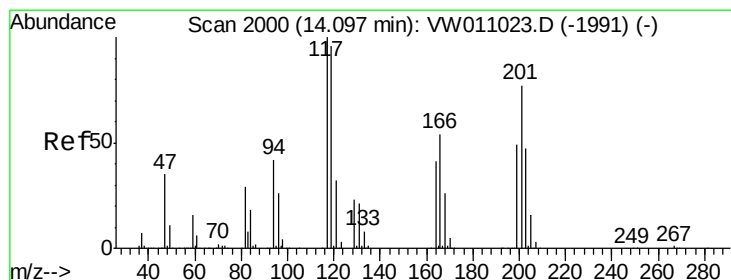
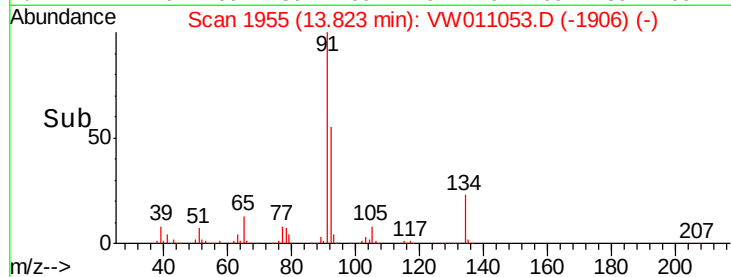
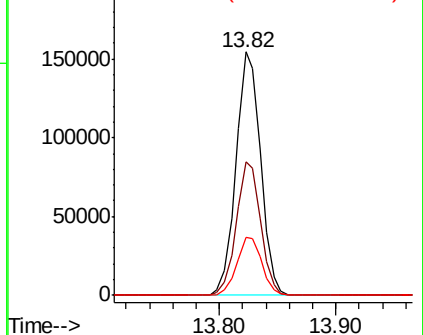
91 100

92 54.3 27.1 81.2

134 24.1 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.348 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW011053.D

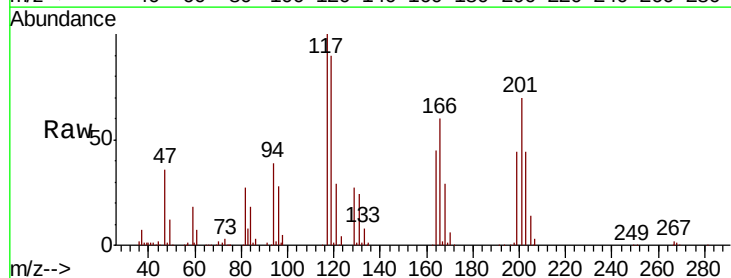
Acq: 28 Jun 2019 11:39

Tgt Ion: 117 Resp: 36205

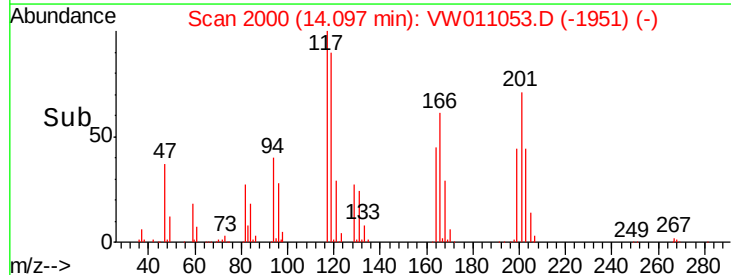
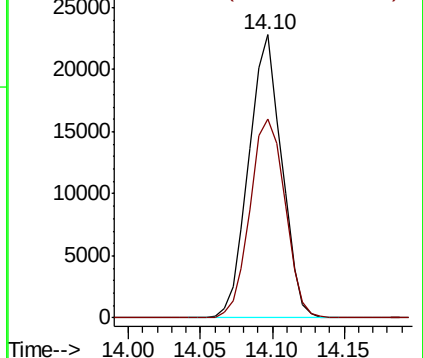
Ion Ratio Lower Upper

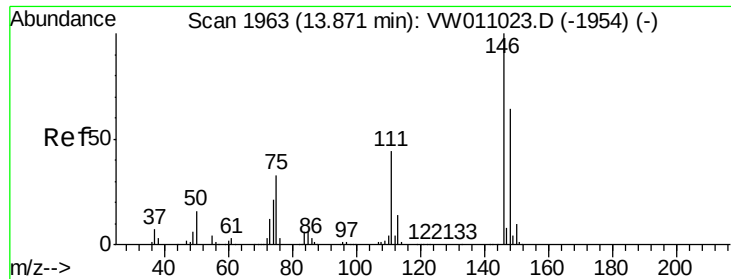
117 100

201 74.8 38.0 114.0



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

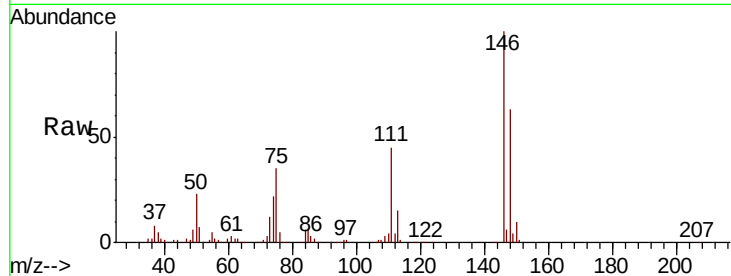




#91
 1,2-Dichlorobenzene
 Concen: 20.033 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011053.D
 Acq: 28 Jun 2019 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.1	21.4	64.3
148	64.1	31.8	95.3

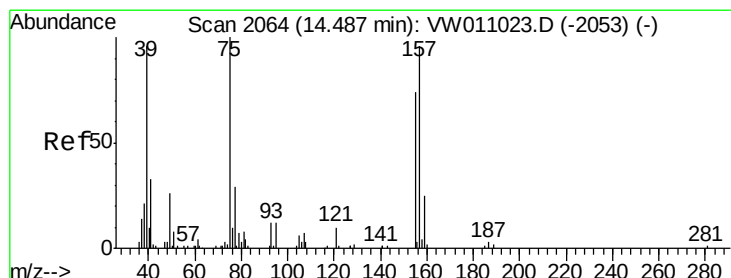
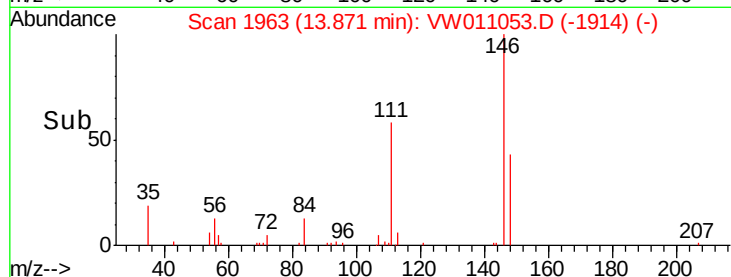
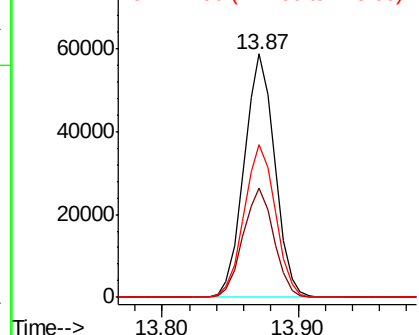


Abundance

Ion 145.90 (145.60 to 146.60): V

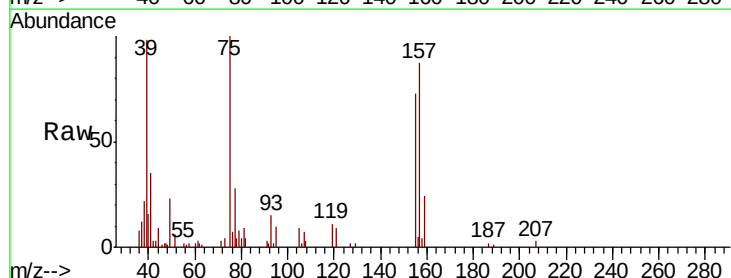
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.670 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011053.D
 Acq: 28 Jun 2019 11:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.5	37.0	110.9
157	89.4	45.9	137.7

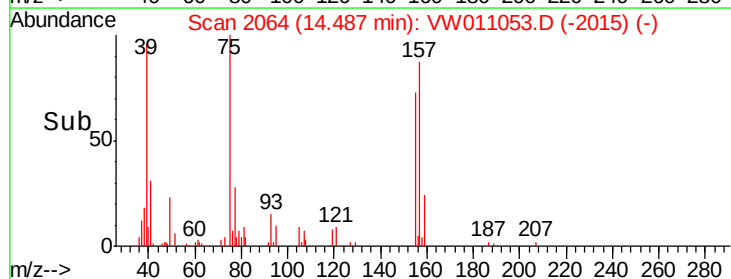
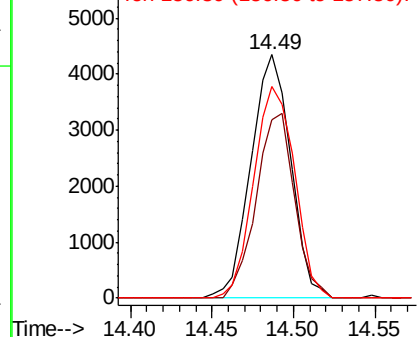


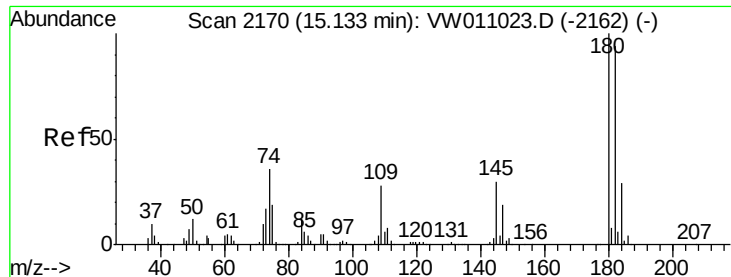
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

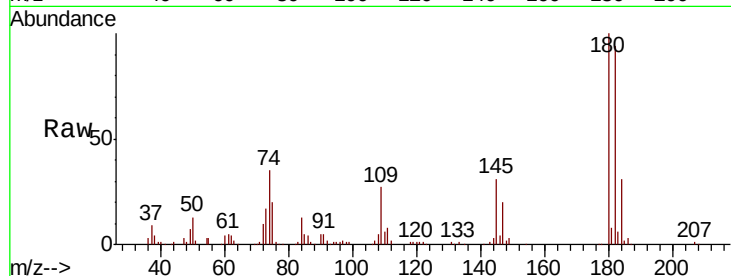




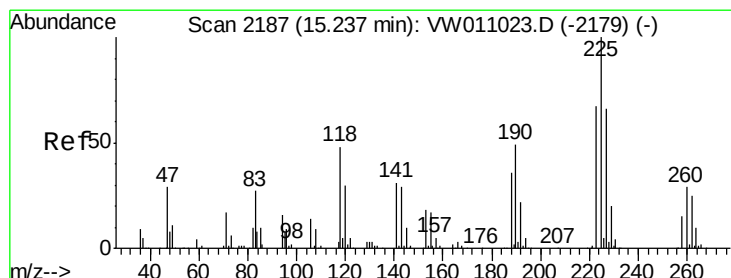
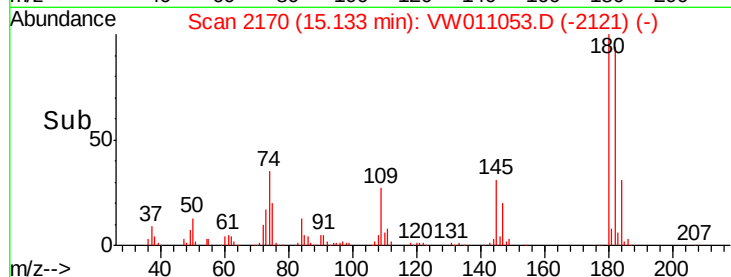
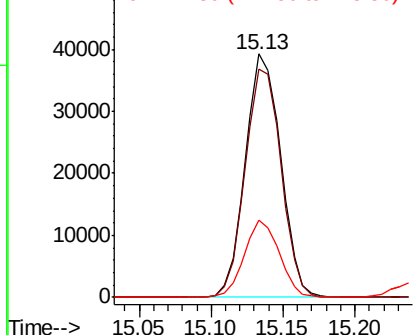
#93
1,2,4-Trichlorobenzene
Concen: 20.533 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBSD01

Tot Ion:180 Resp: 66775
Ion Ratio Lower Upper
180 100
182 95.4 47.4 142.2
145 31.0 15.3 45.8

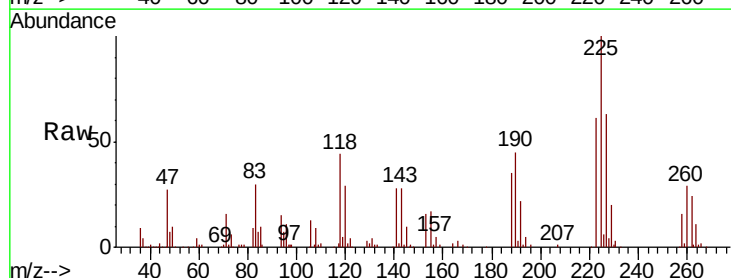


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

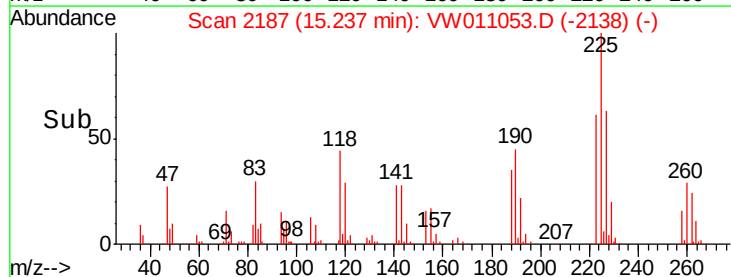
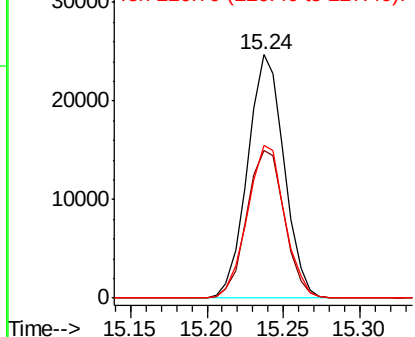


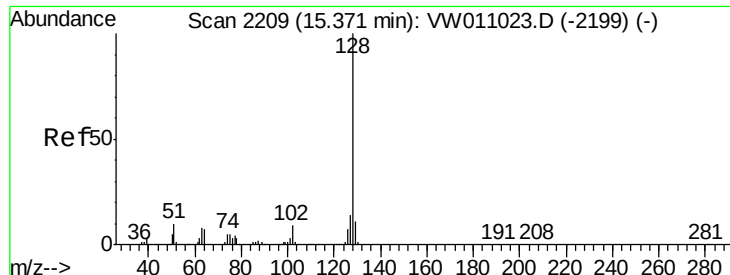
#94
Hexachlorobutadiene
Concen: 20.817 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

Tgt Ion:225 Resp: 41061
Ion Ratio Lower Upper
225 100
223 62.4 31.9 95.9
227 63.8 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

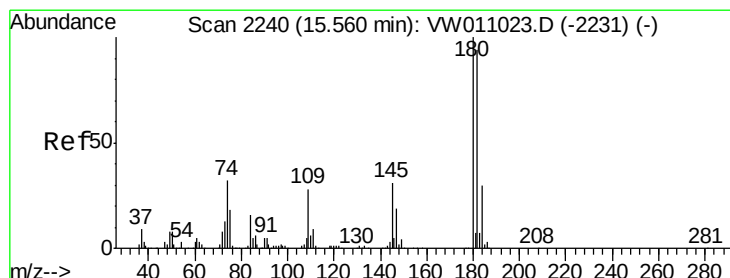
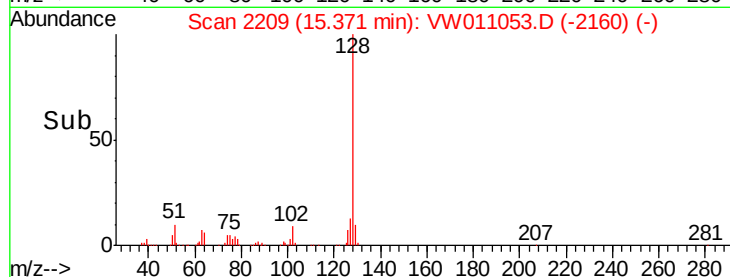
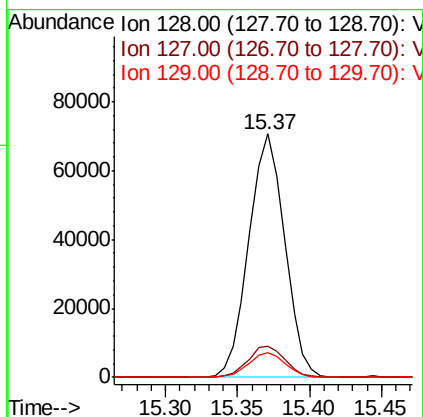
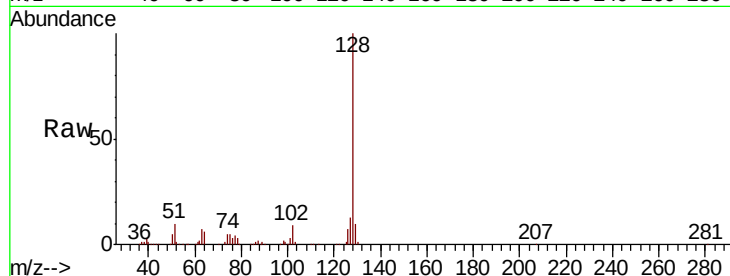




#95
Naphthalene
Concen: 19.960 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBSD01

Tot Ion:128 Resp: 121932
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.161 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011053.D
Acq: 28 Jun 2019 11:39

Tgt Ion:180 Resp: 58545
Ion Ratio Lower Upper
180 100
182 93.3 47.9 143.7
145 32.2 16.1 48.2

